

FIG. 1A

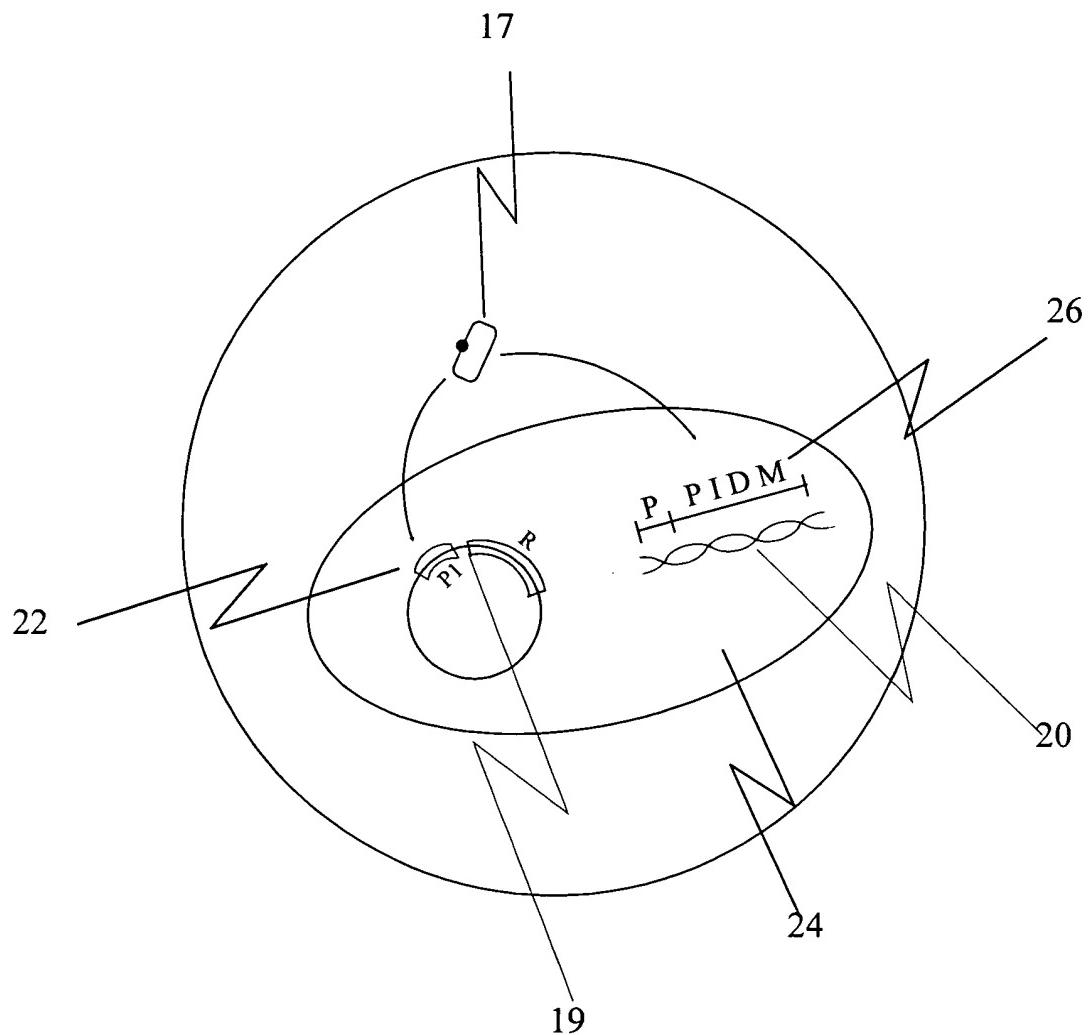


FIG. 1B

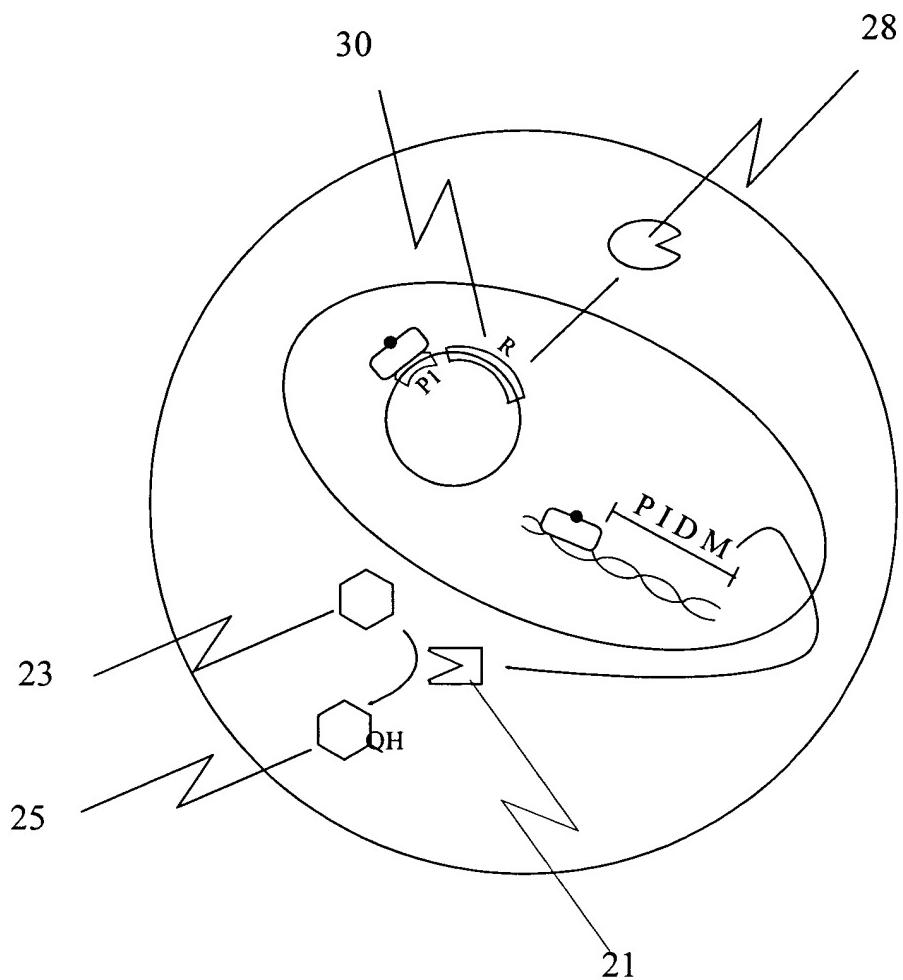


FIG. 1C

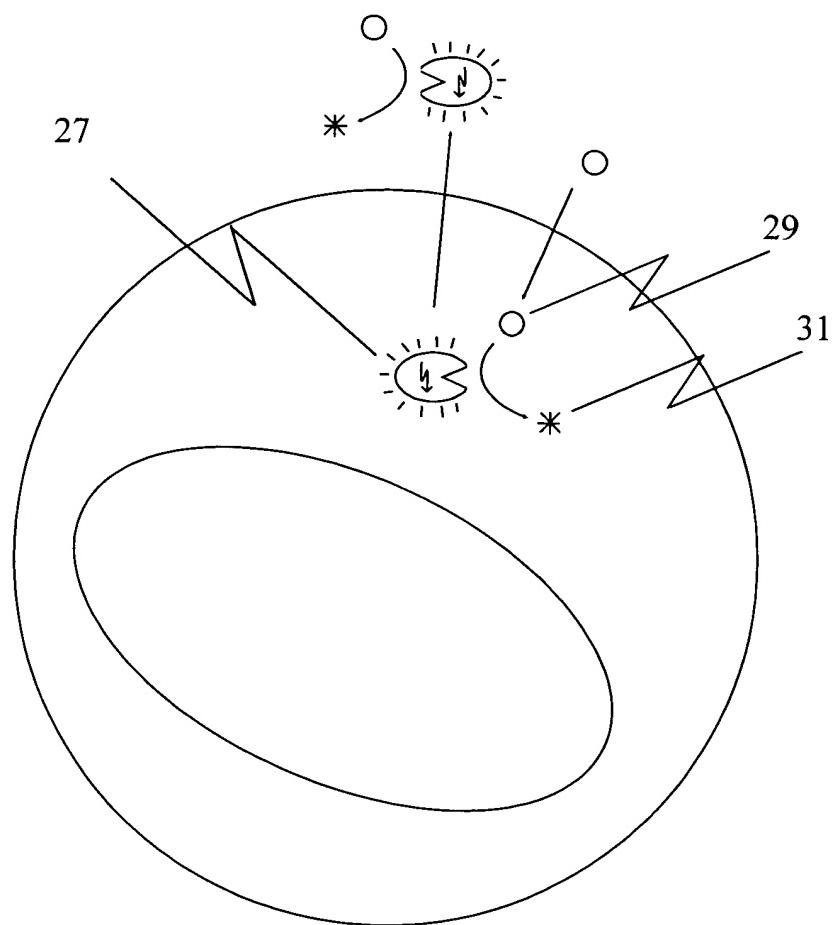


FIG. 1D

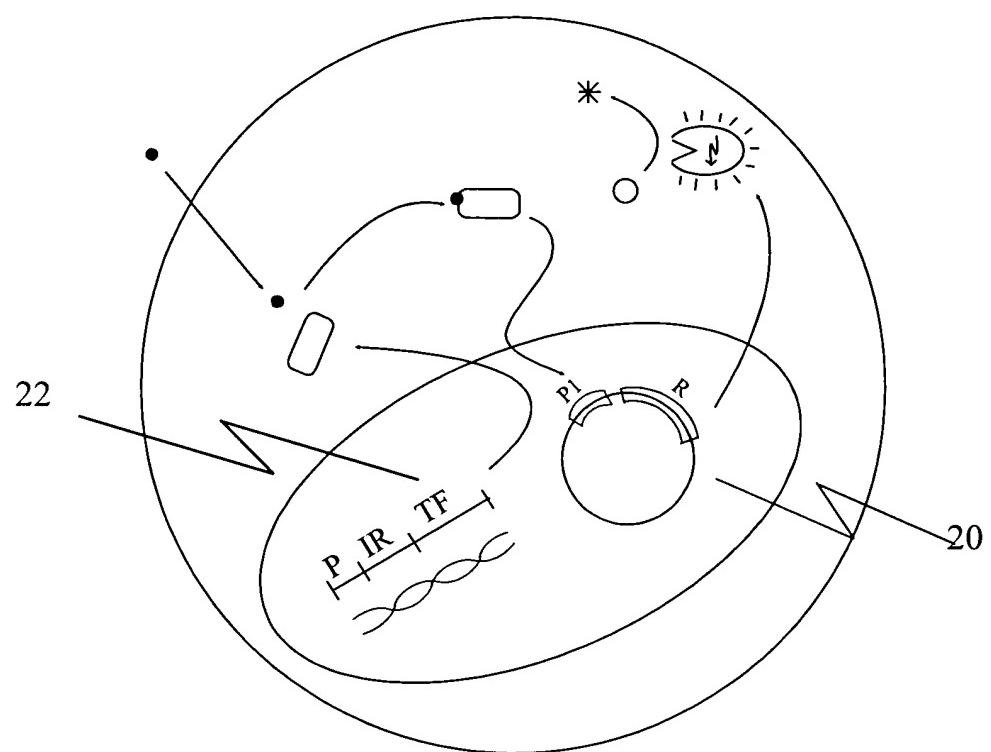


FIG. 2

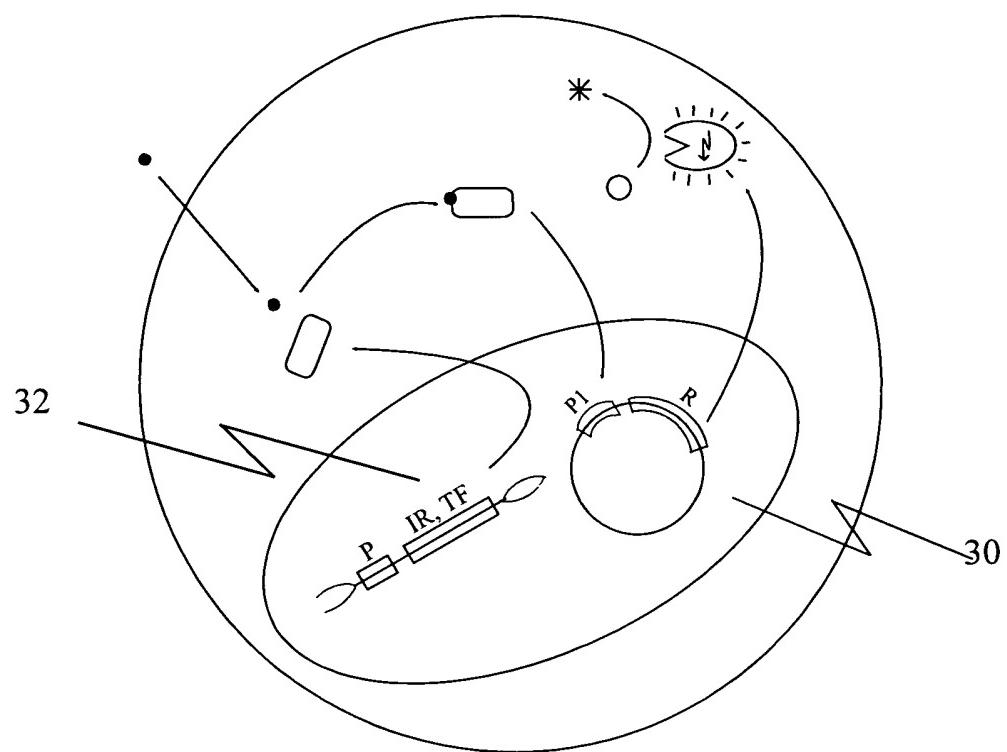


FIG. 3

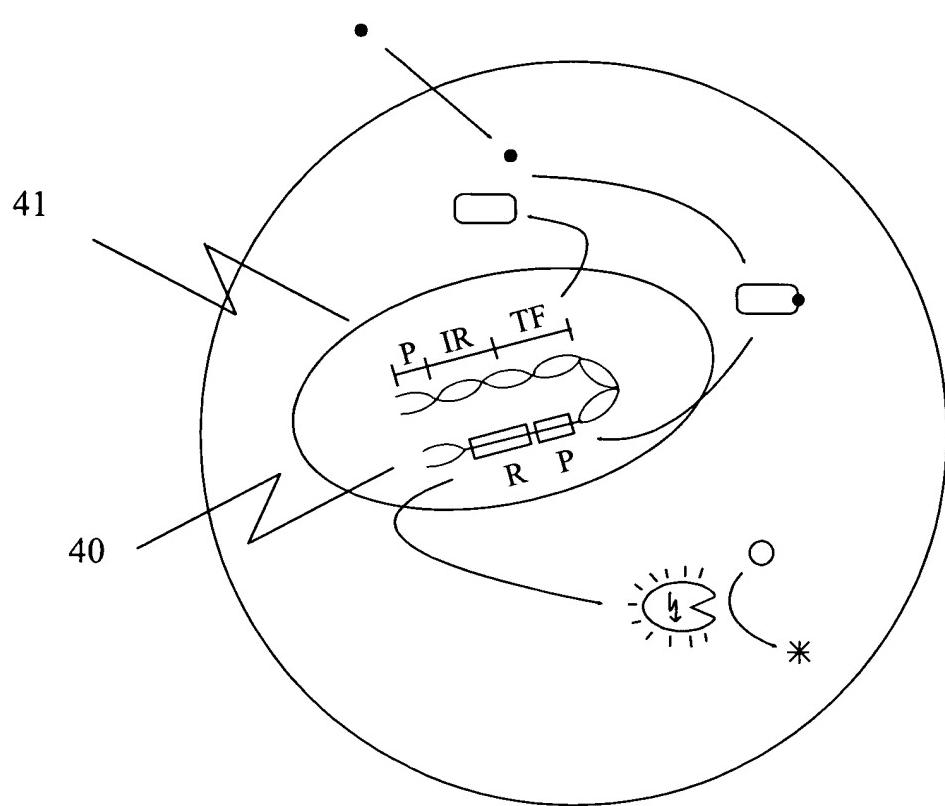


FIG. 4

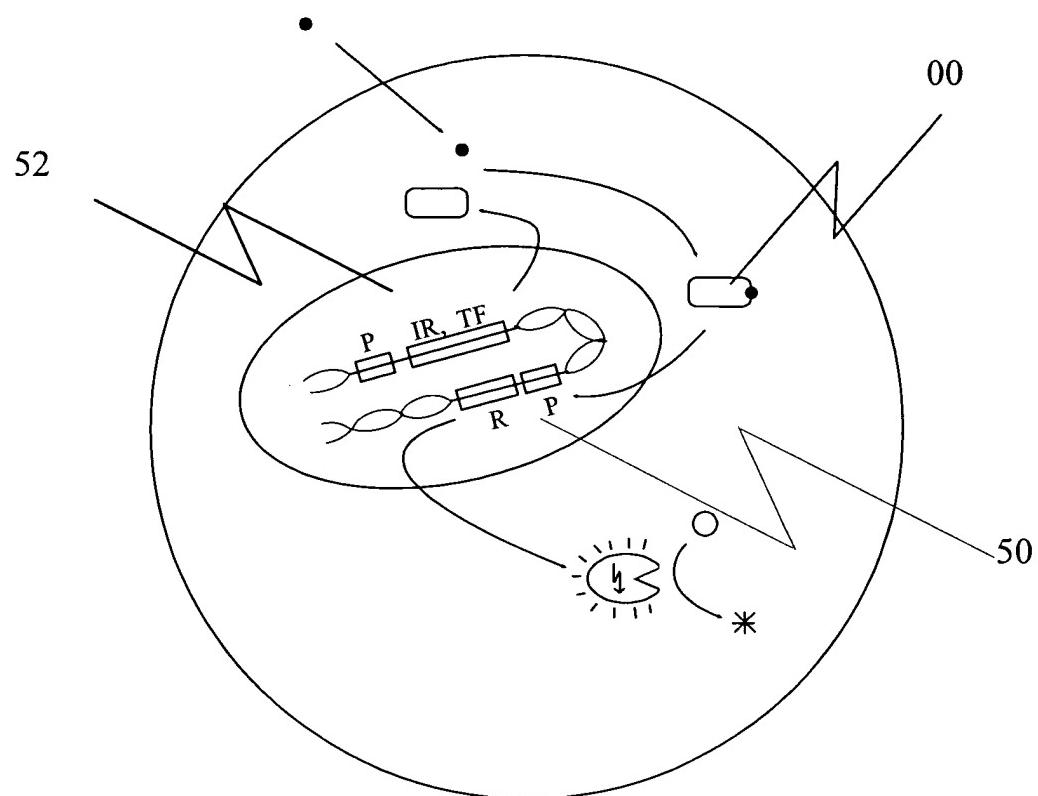


FIG. 5

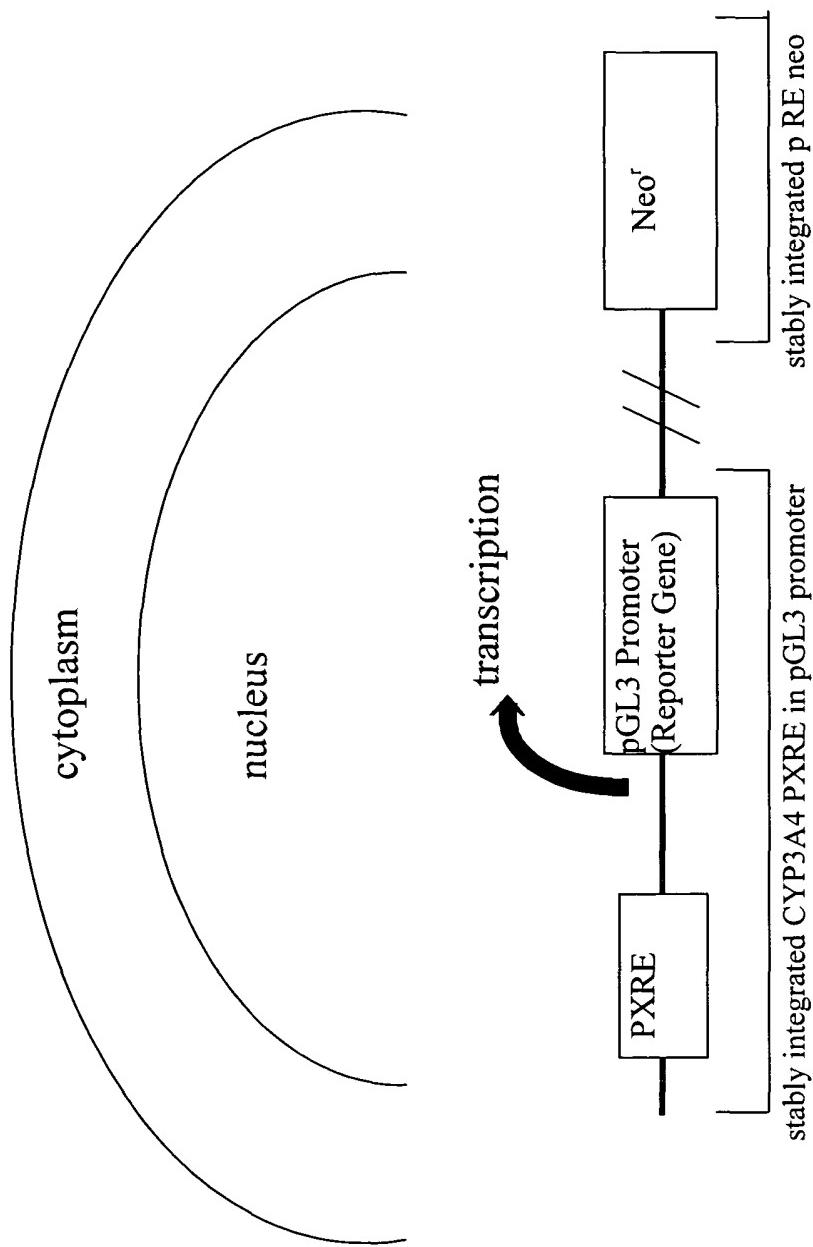


FIG. 6

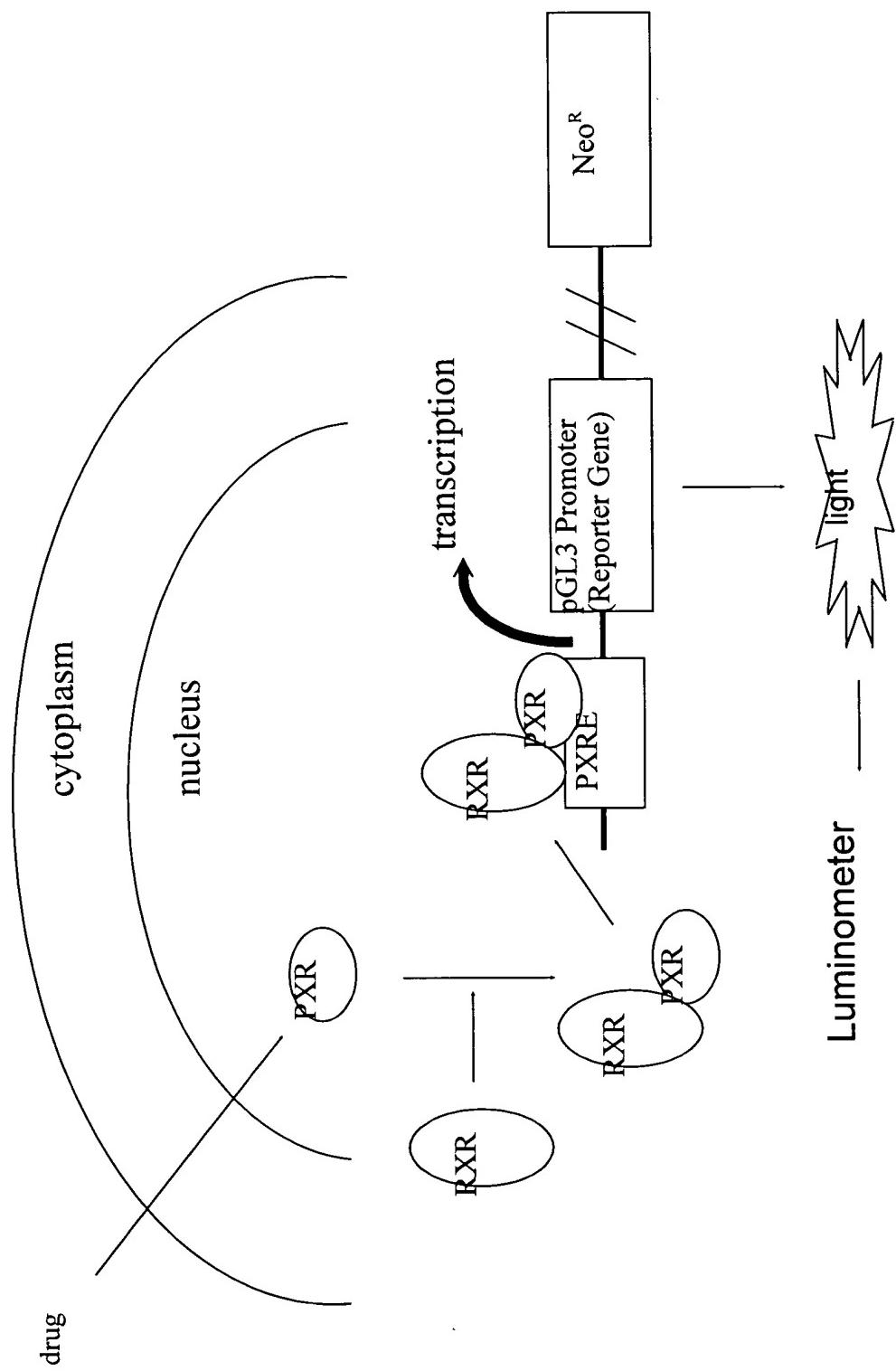


FIG. 7

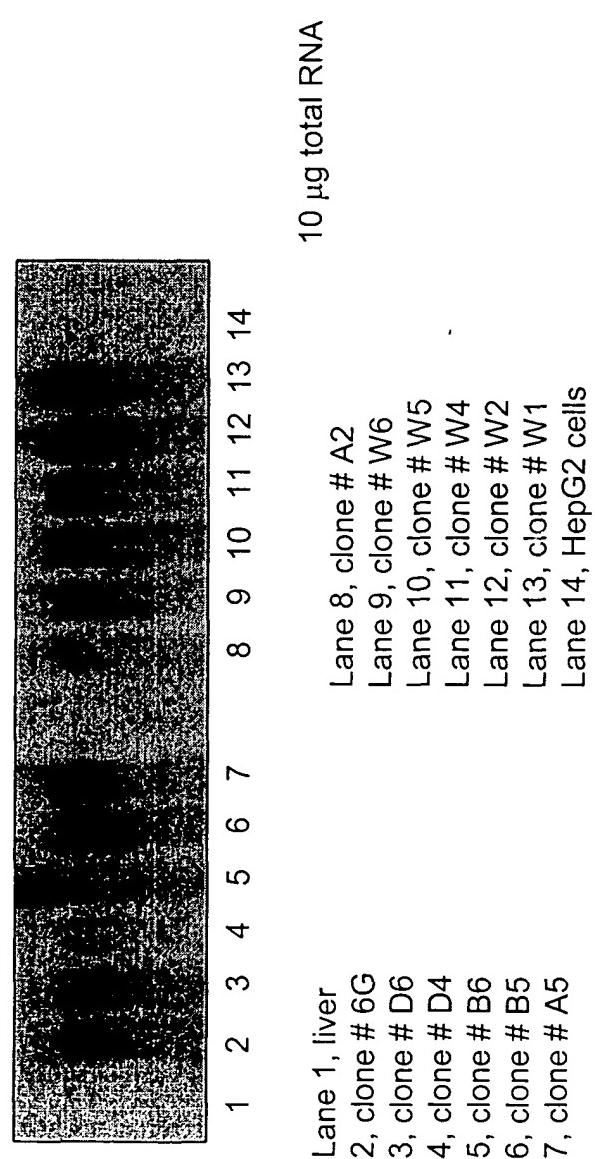


FIG. 8

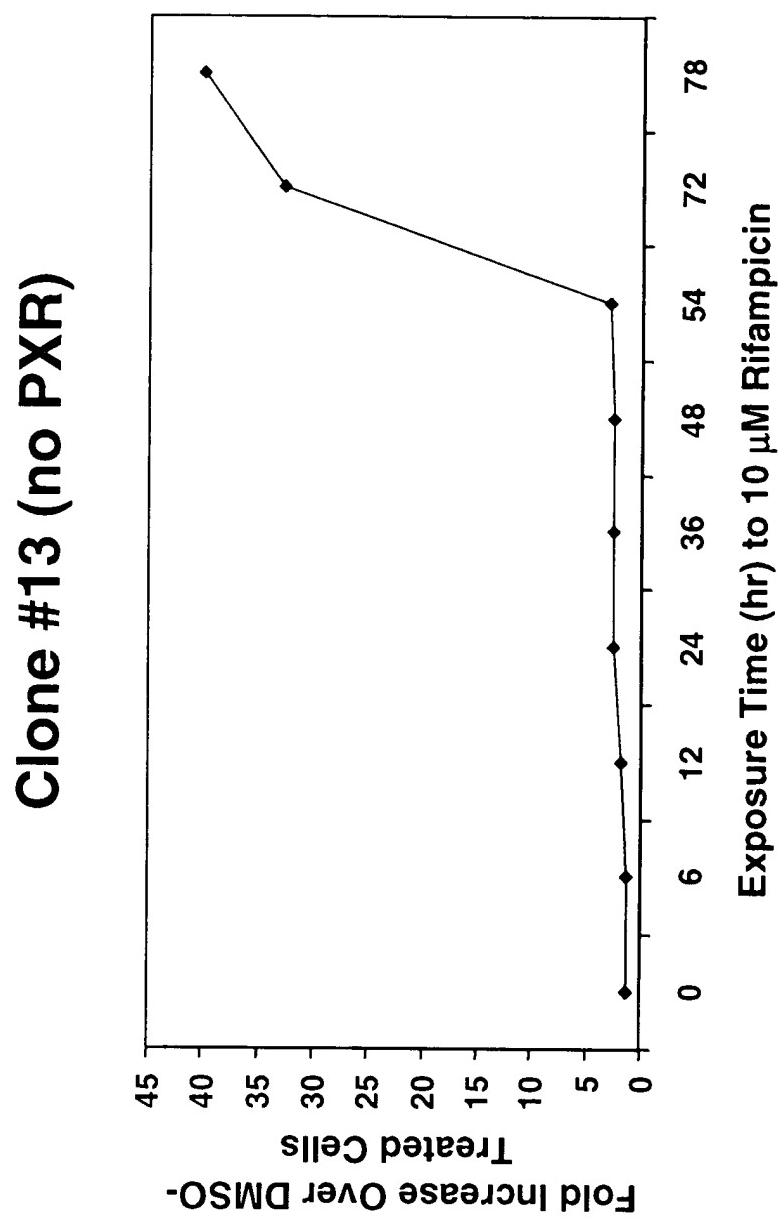
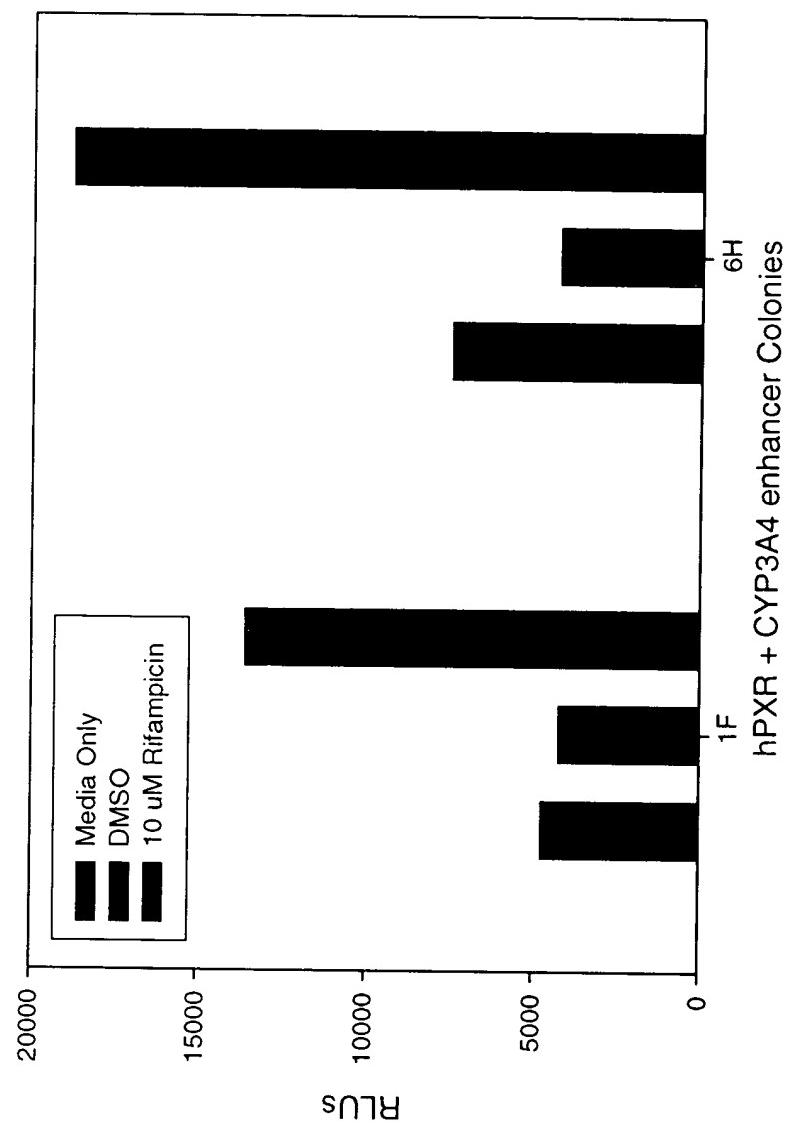
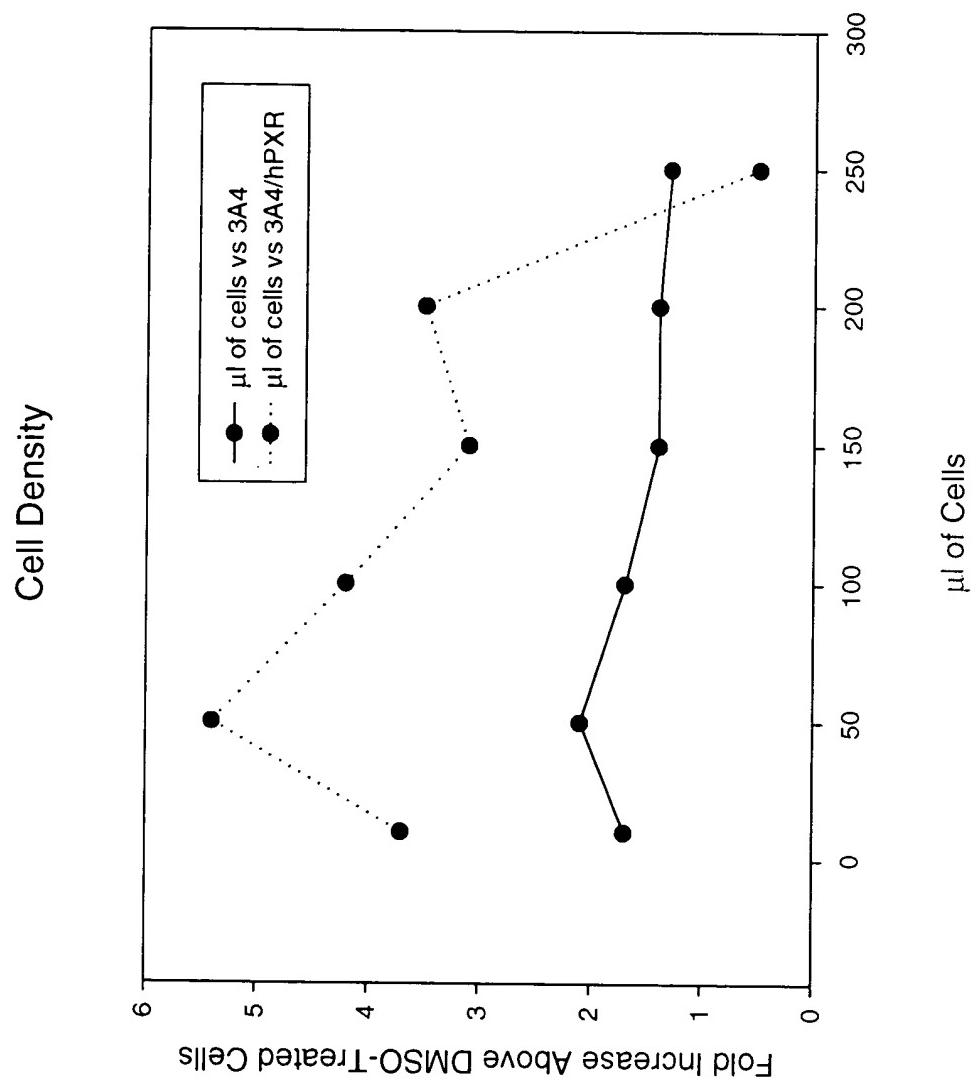
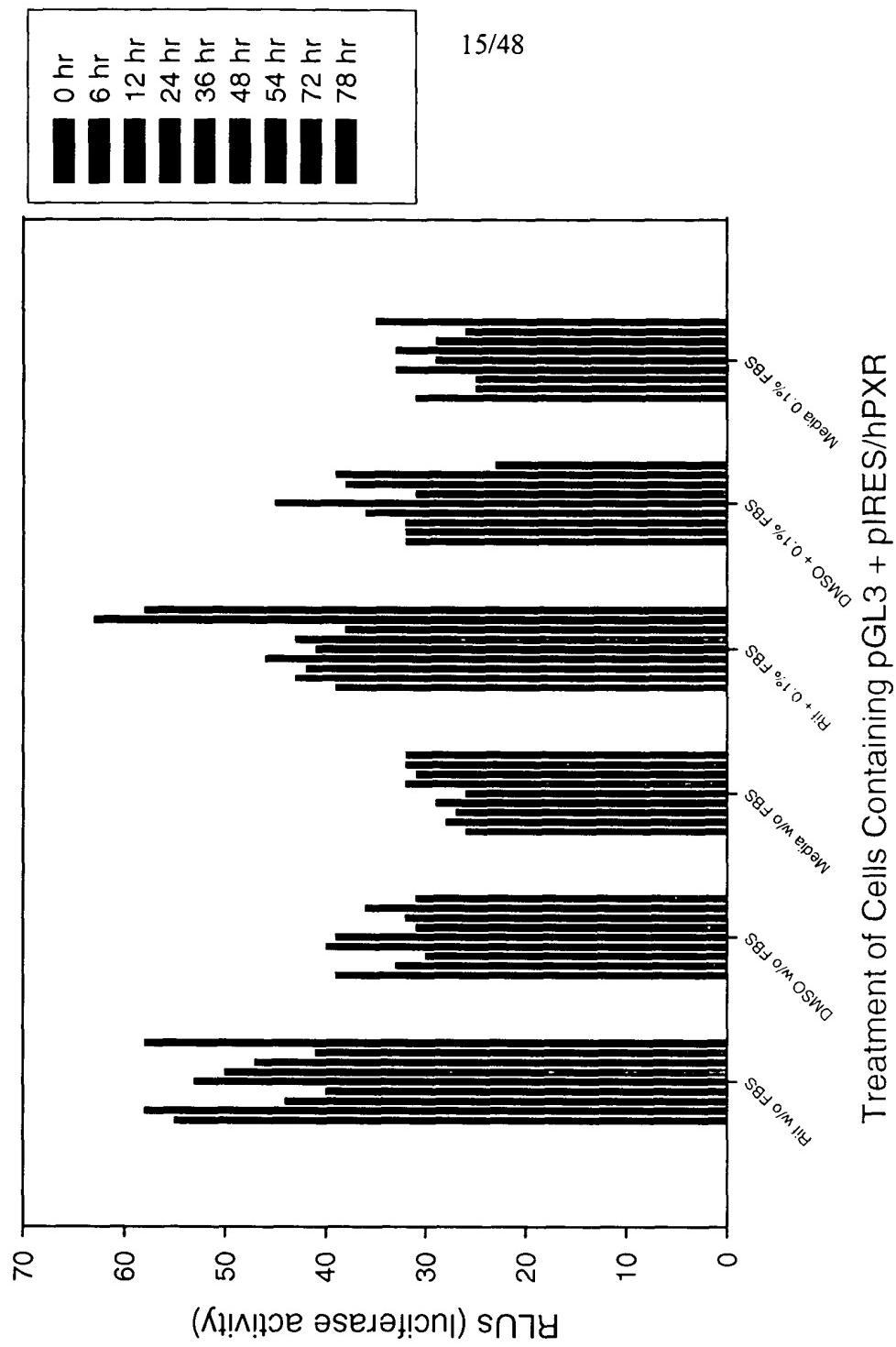


FIG. 9

**FIG. 10**

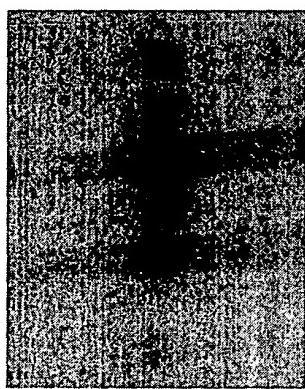
**FIG. 11**

**Effect of Serum, DMSO, and Rifampicin on Luciferase Activity**



**FIG. 12**

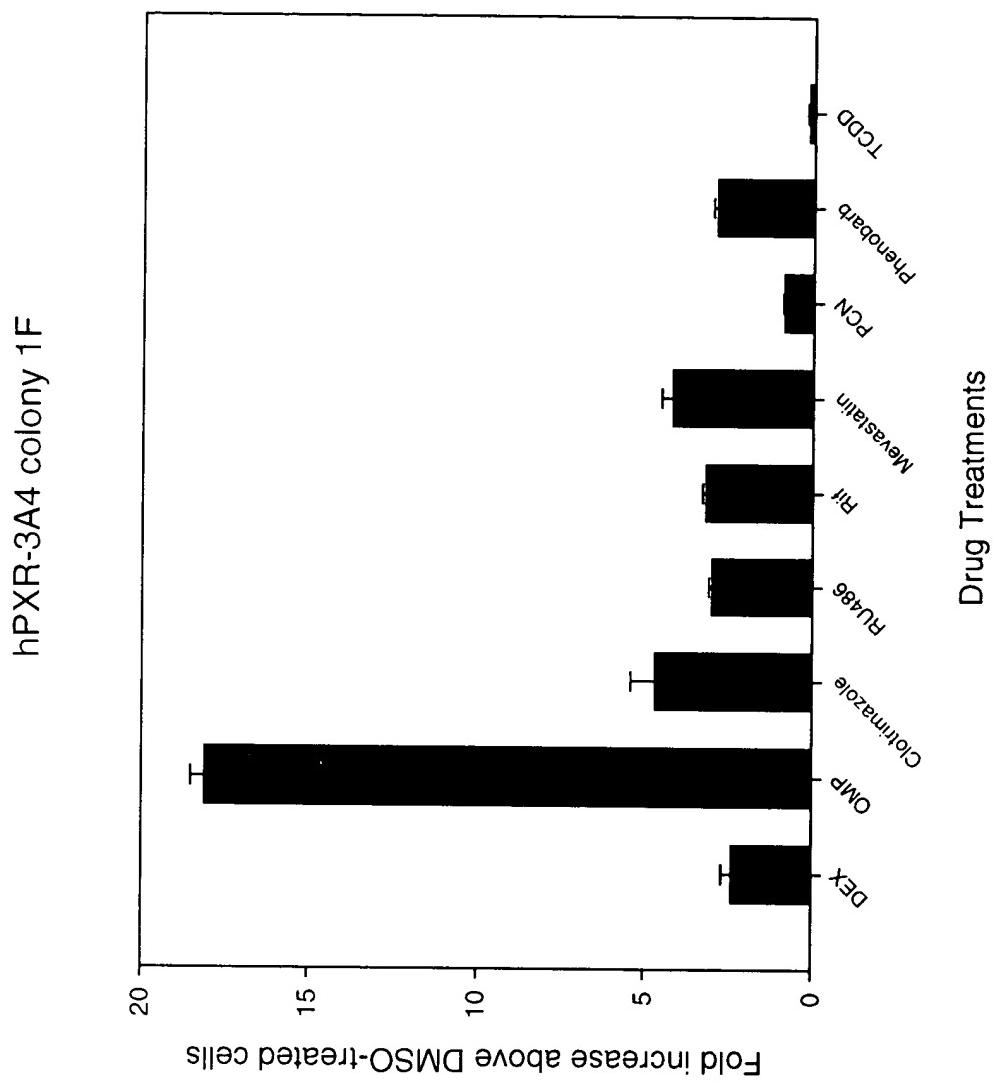
Human Hepatocytes # 899  
10 µg RNA per well



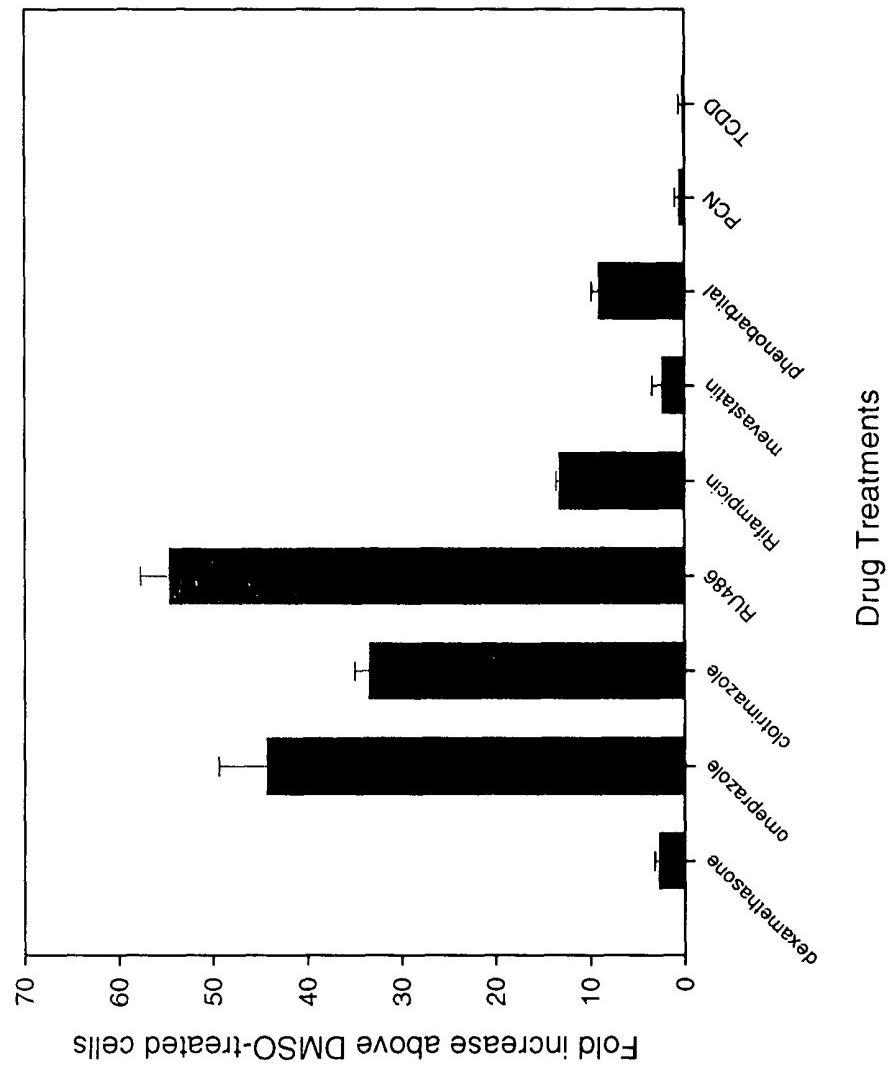
- Lane 1, DMSO with 0.1 µM DEX
- Lane 2, DMSO no DEX
- Lane 3, 10 µM DEX
- Lane 4, 1 mM Phenobarbital
- Lane 5, 10 µM Rifampicin
- Lane 6, 10 µM Clotrimazole
- Lane 7, 10 µM RU486

1 2 3 4 5 6 7

FIG. 13

**FIG. 14**

3A4 Colony 13

**FIG. 15**

## Colony 13 Drug Screen

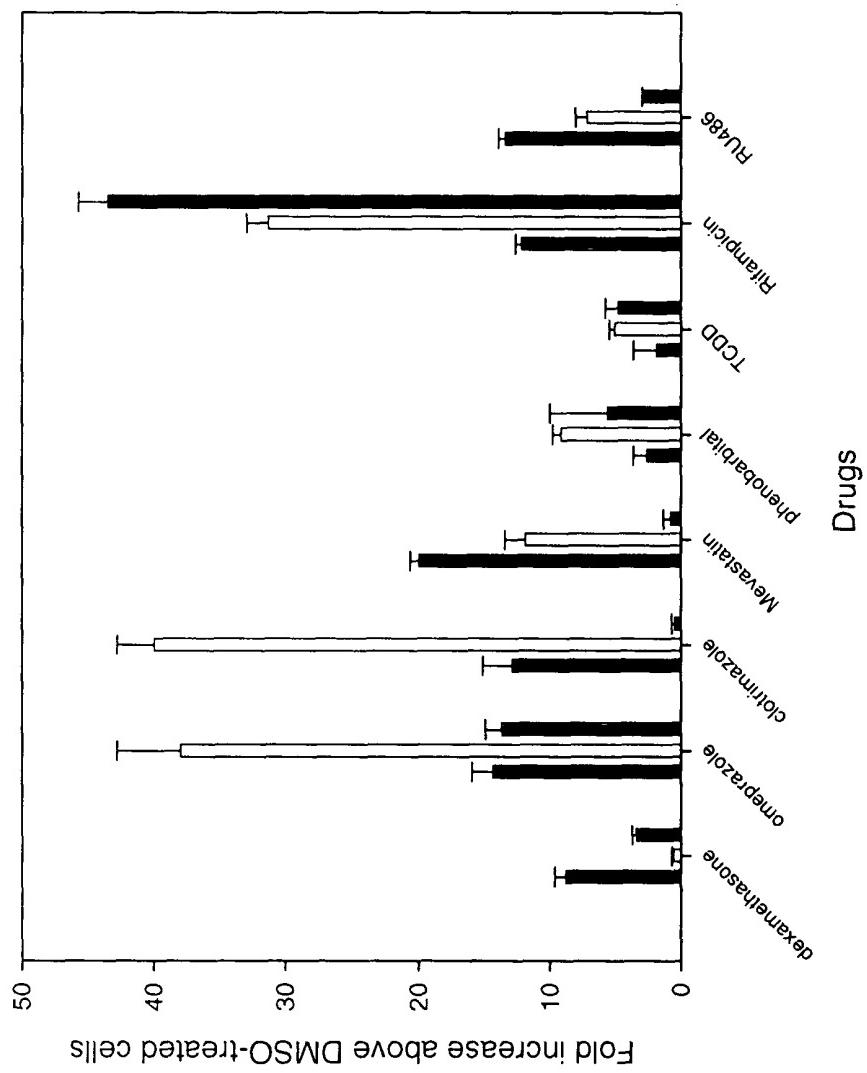
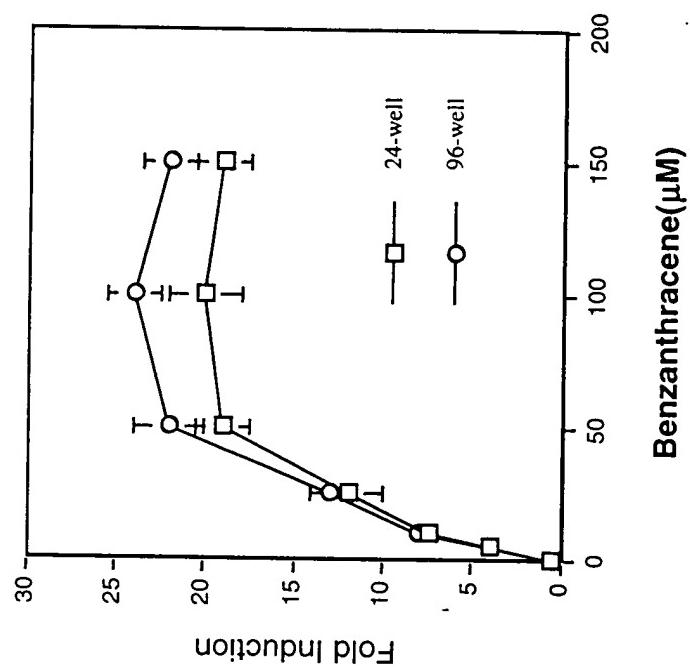


FIG. 16

**FIG. 17**

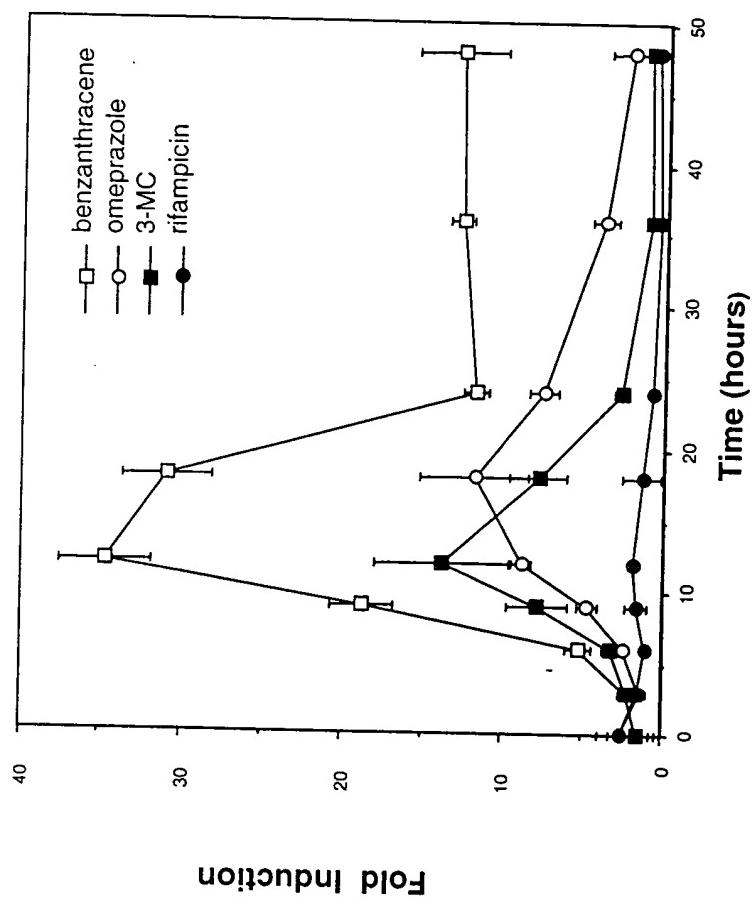
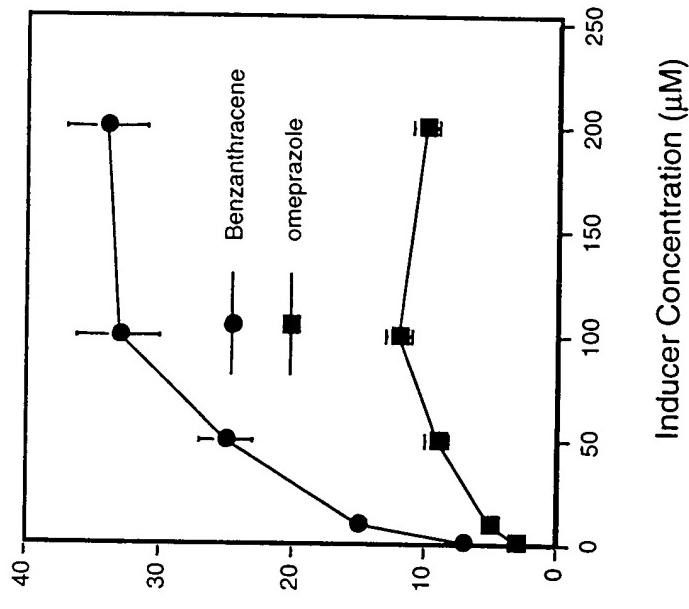
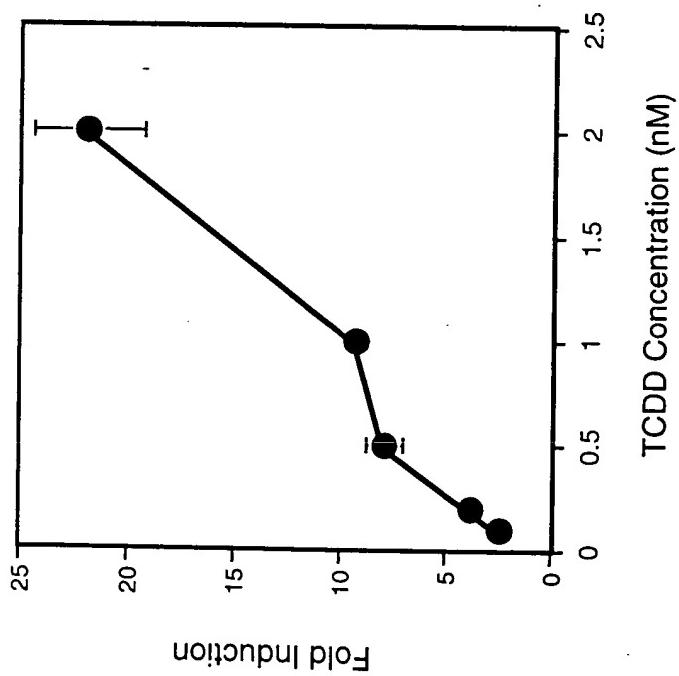


FIG. 18

**B****A****FIG. 19**

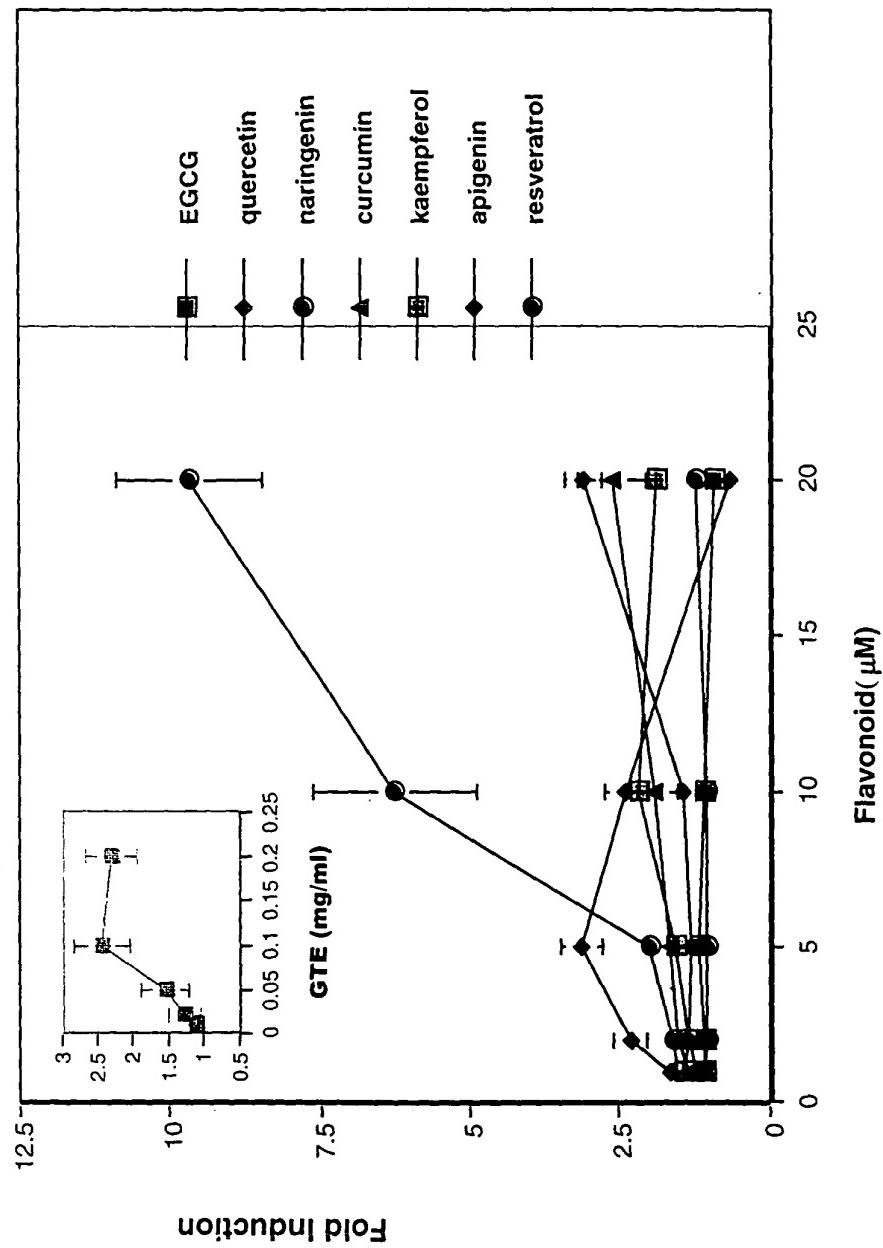


FIG. 20

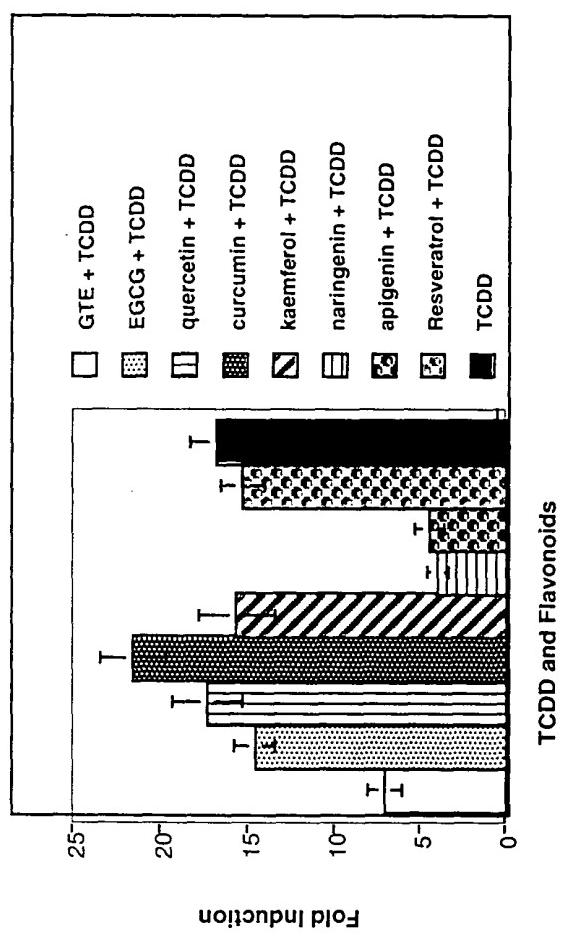
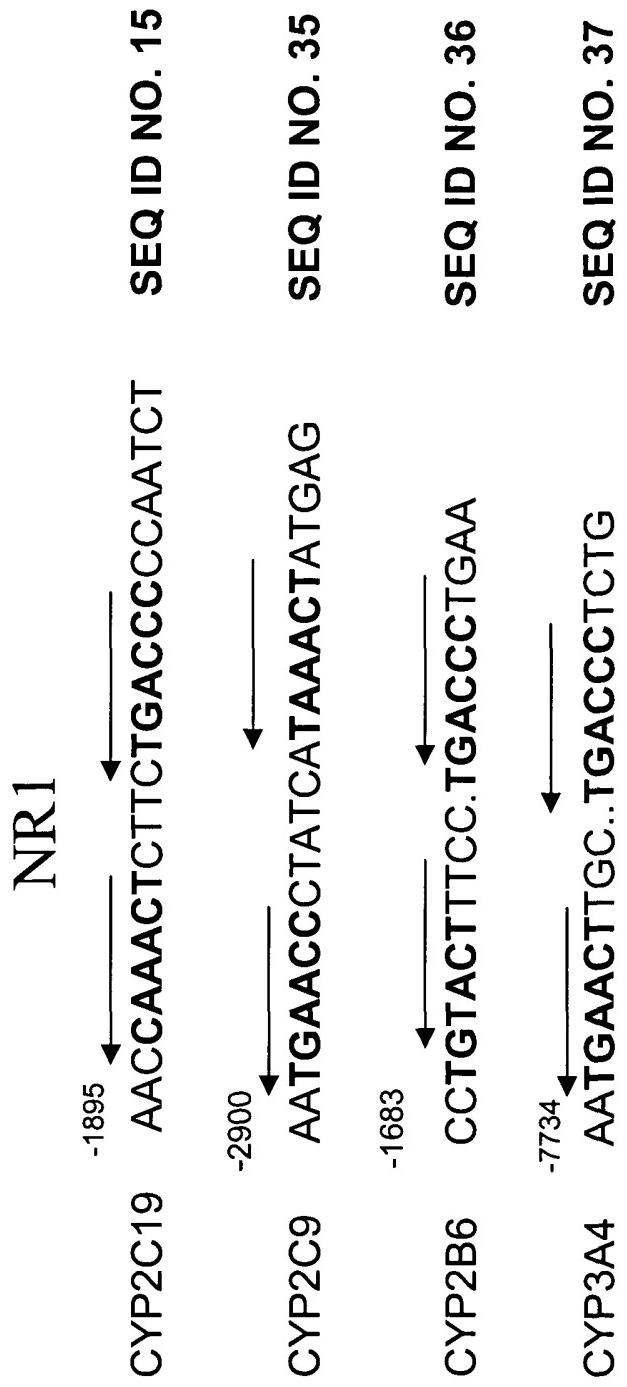


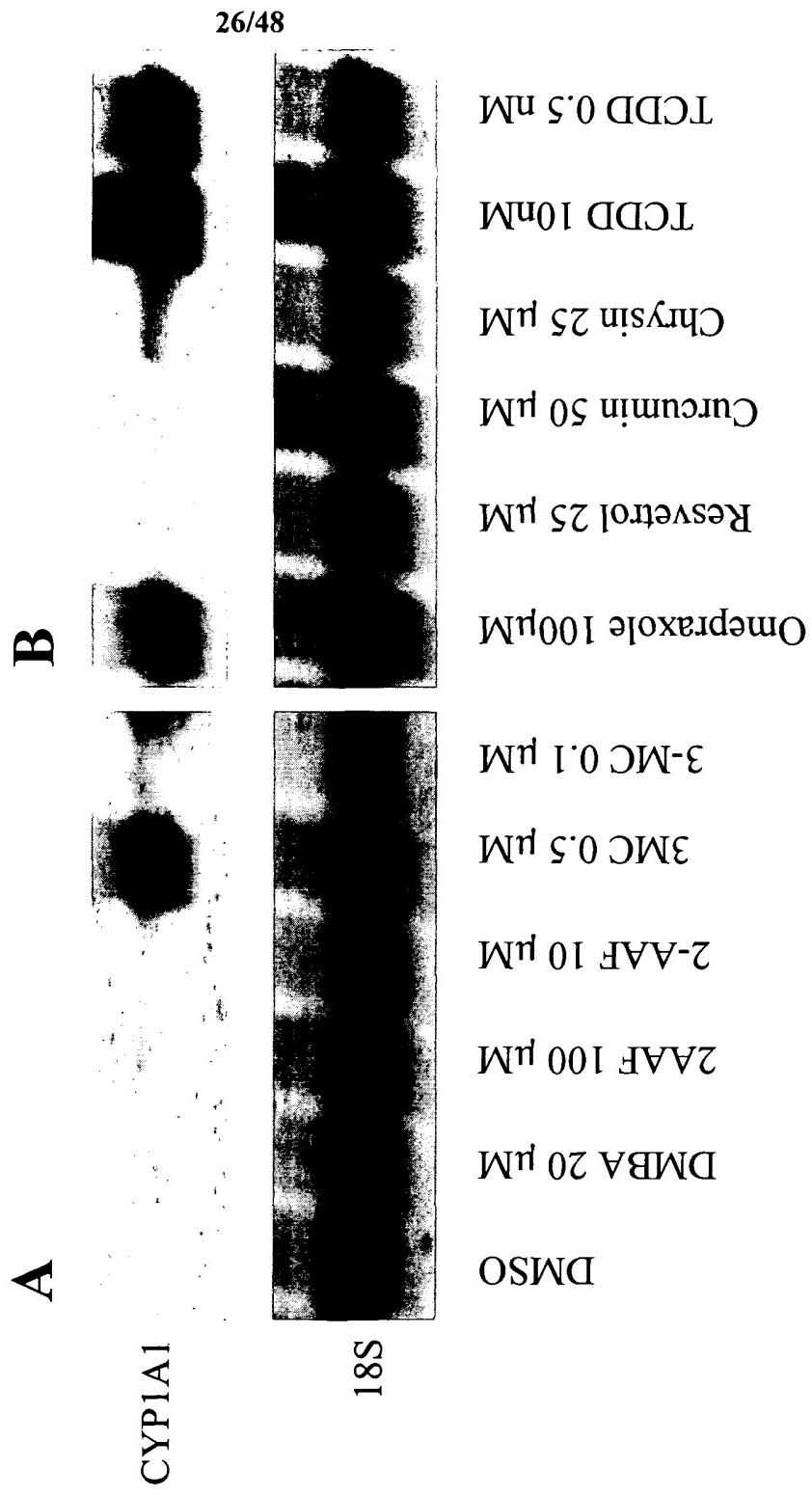
FIG. 21

**FIG. 22**

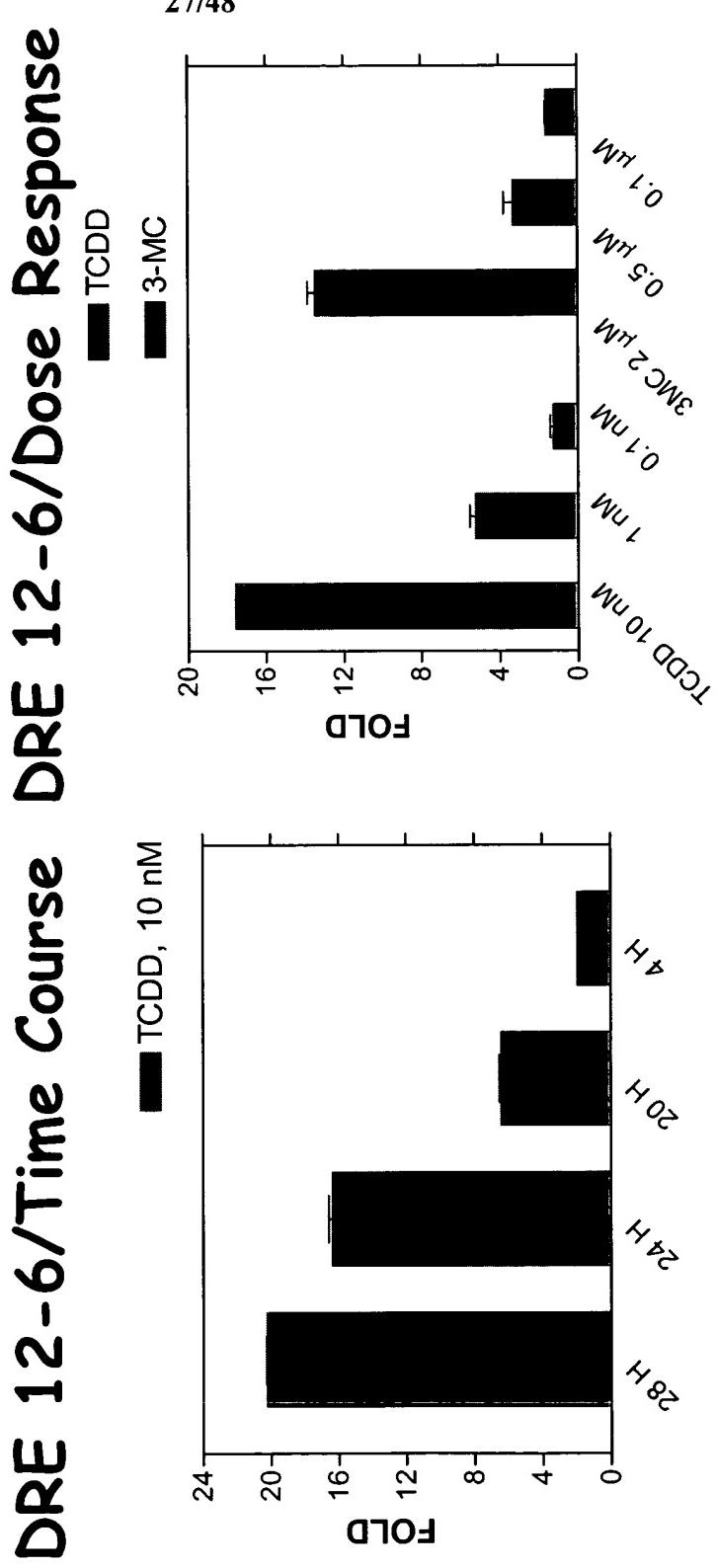
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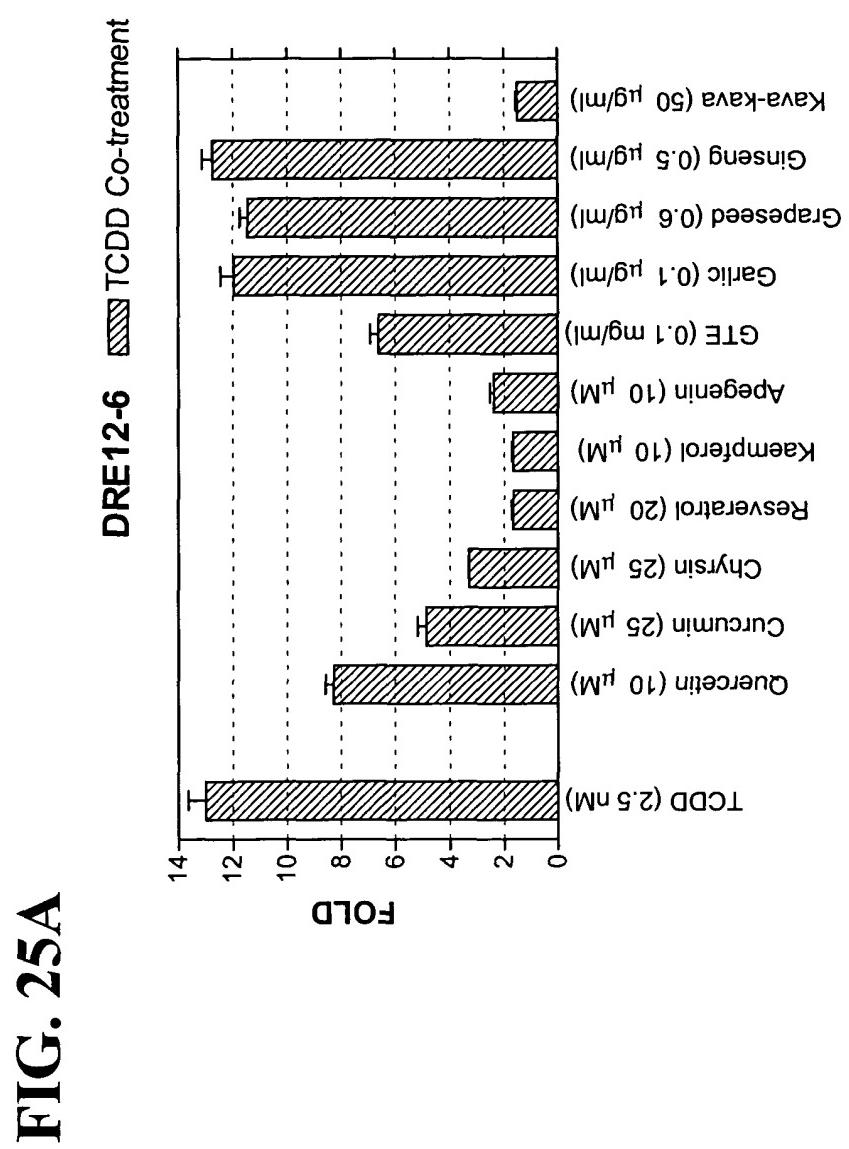


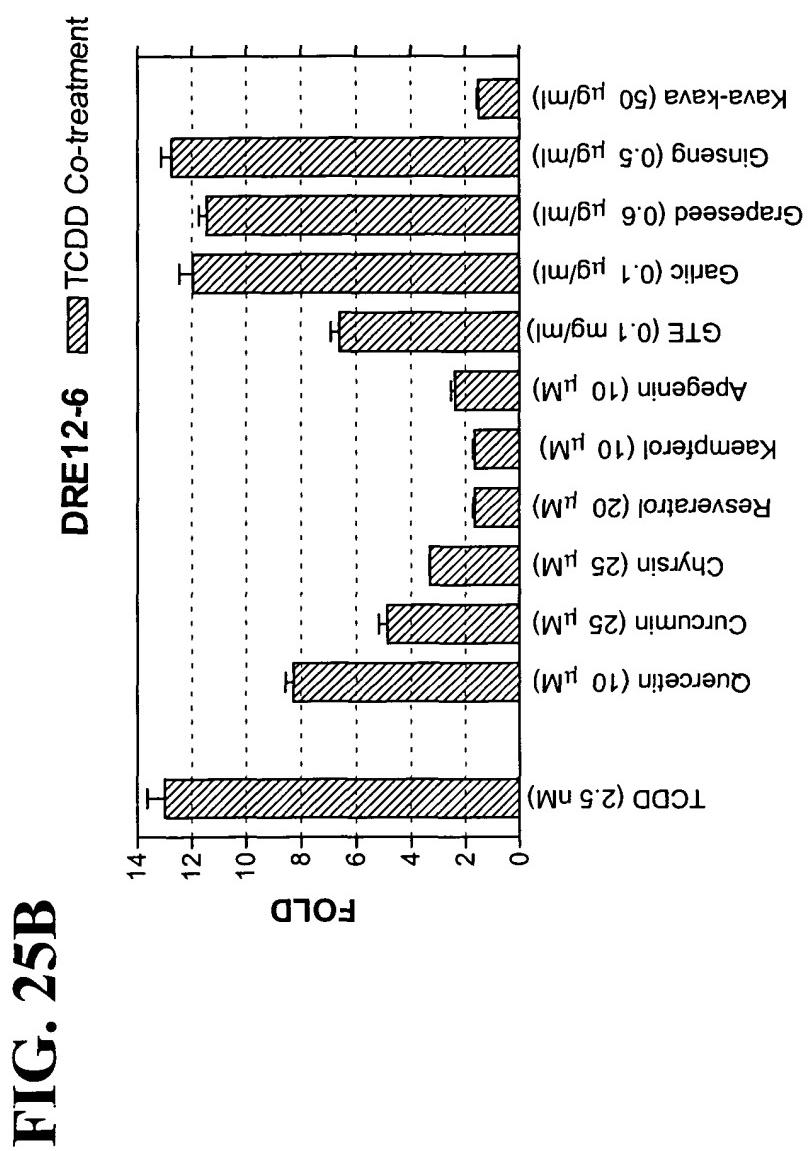
**FIG. 23**



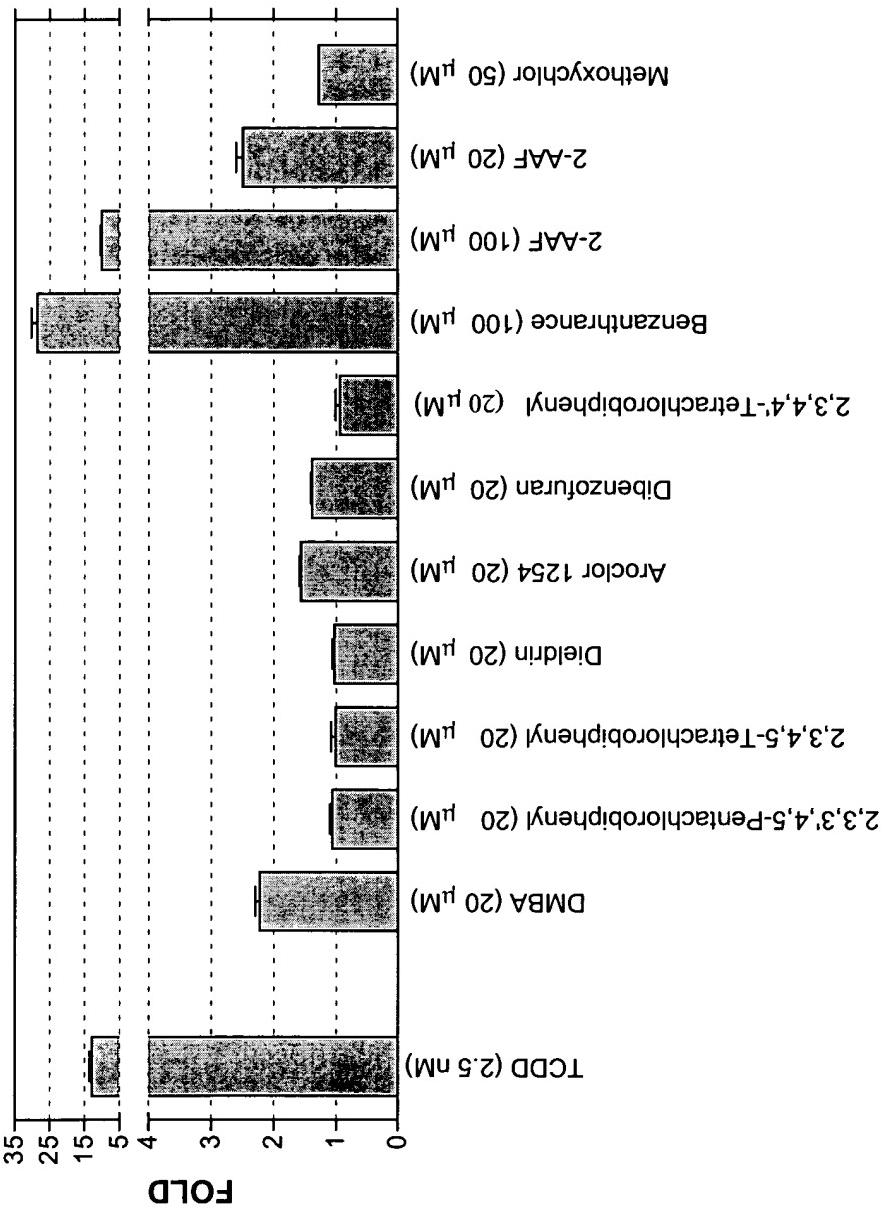
**FIG. 24**  
**A**  
**B**

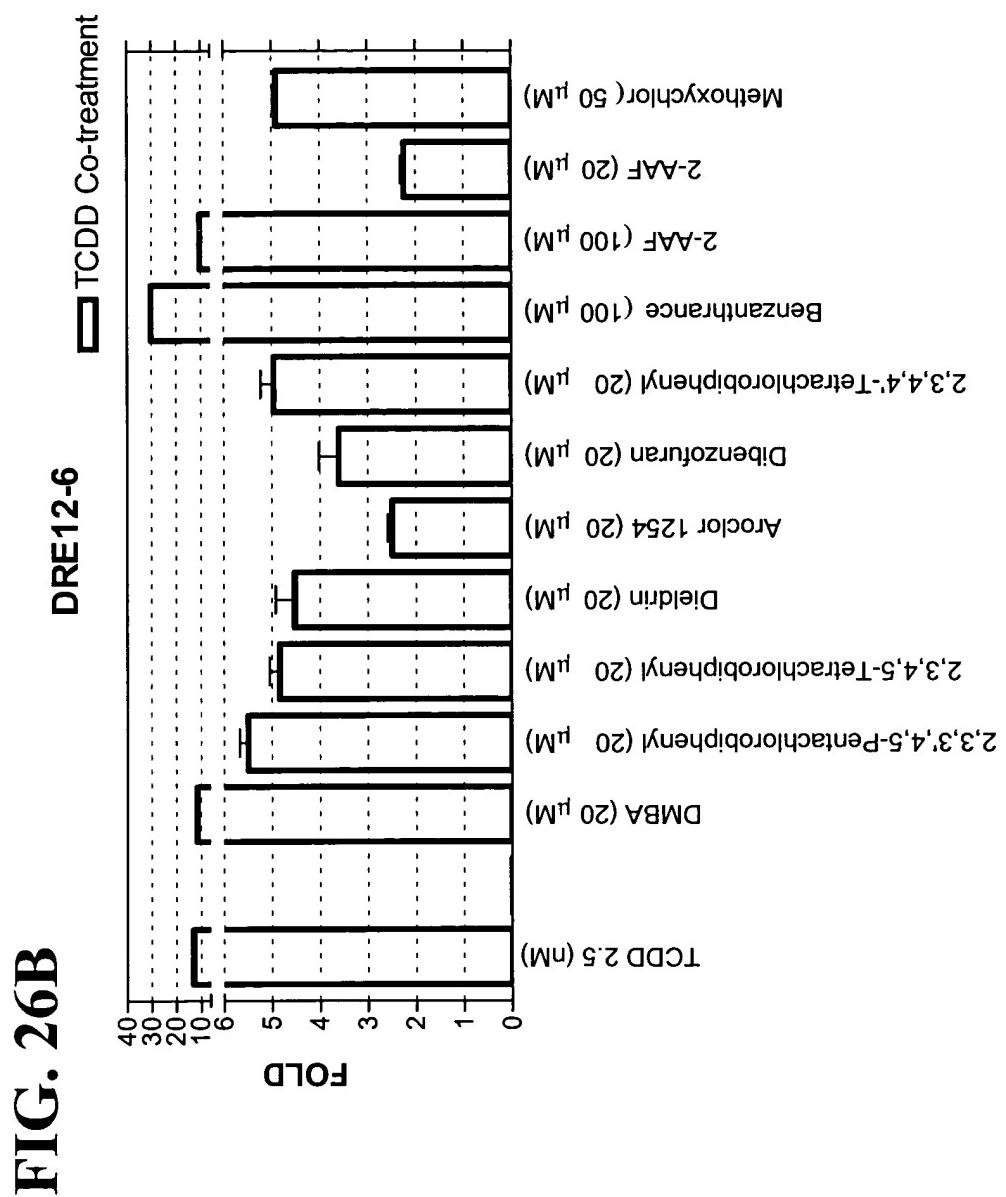






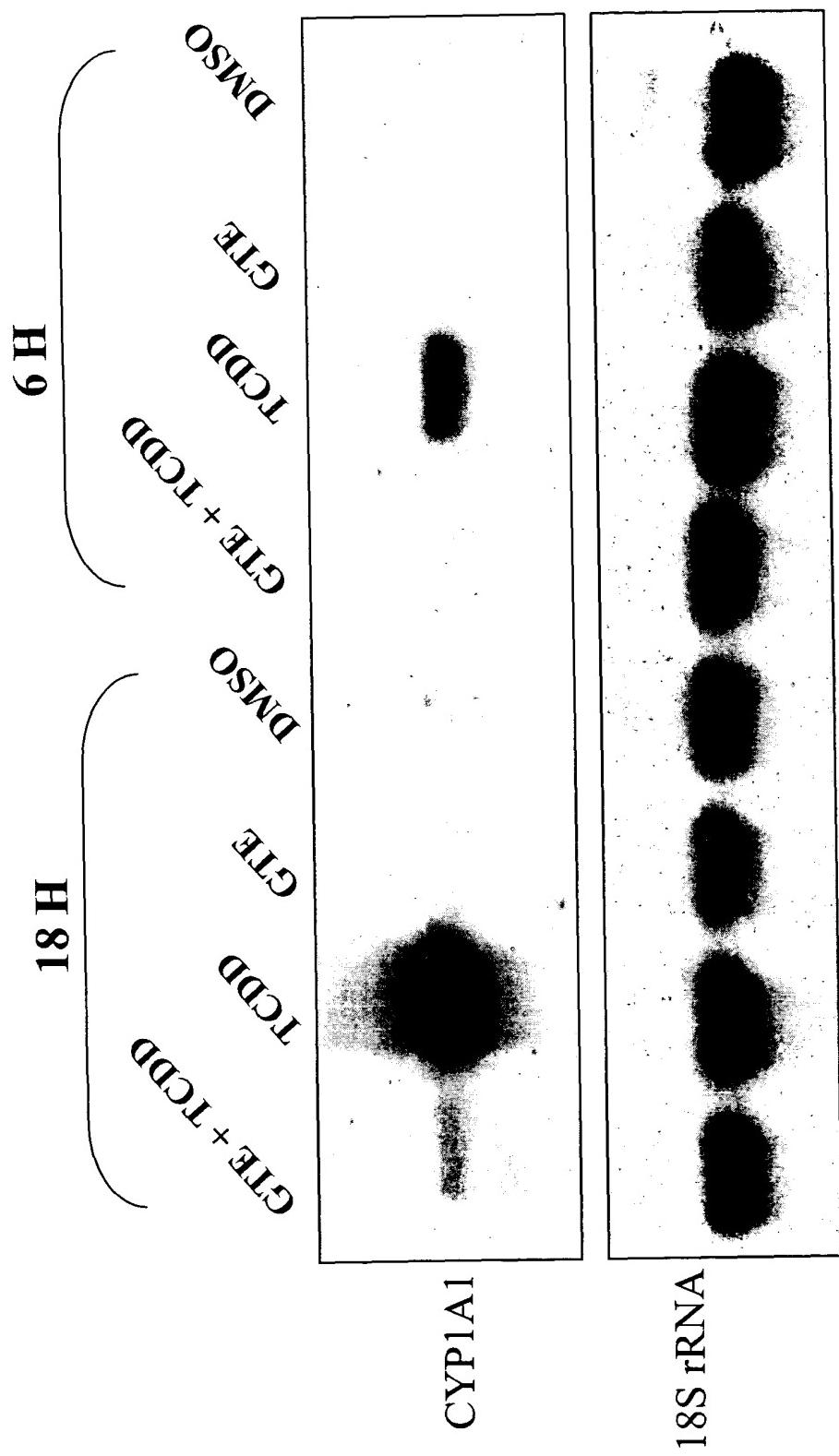
**FIG. 26A**

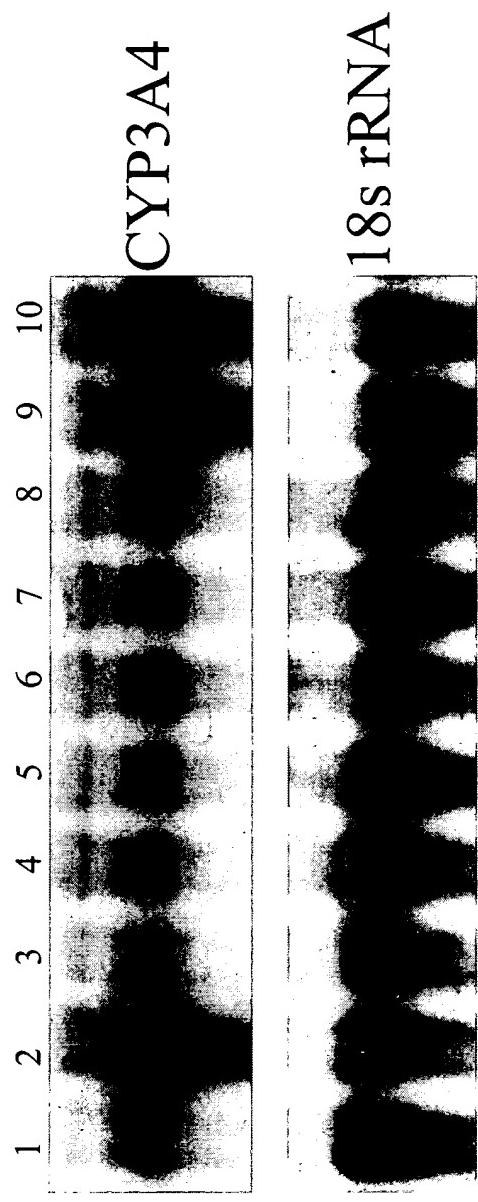




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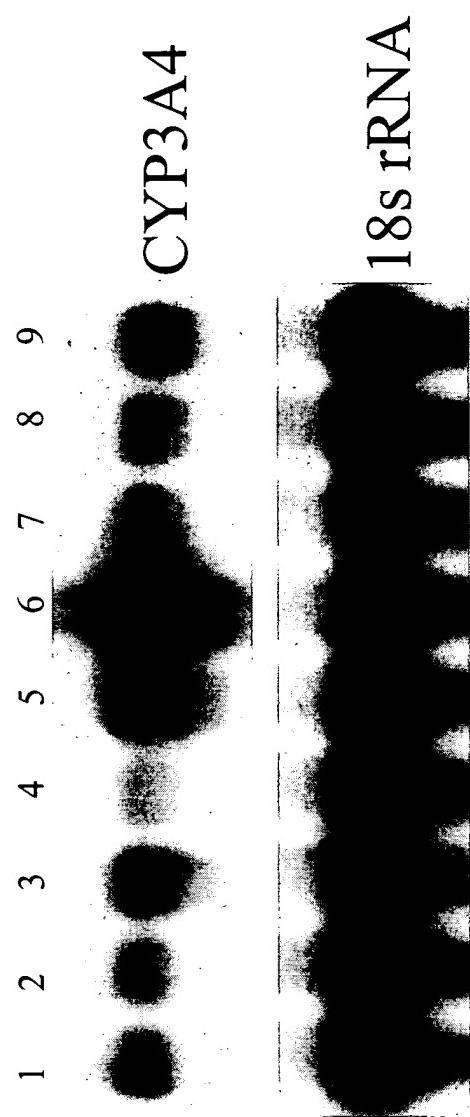
FIG. 27





**FIG. 28A**

1. DMSO
2. Rif 10  $\mu\text{M}$
3. Apigenin 10  $\mu\text{M}$
4. Resveratrol 5  $\mu\text{M}$
5. Curcumin 5  $\mu\text{M}$
6. Quercetin 10  $\mu\text{M}$
7. BNF 1  $\mu\text{M}$
8. BNF 10  $\mu\text{M}$
9. Omeprazole 100  $\mu\text{M}$
10. Phenobarbitol 1000  $\mu\text{M}$



**FIG. 28B**

1. 3.1 ug/ml grapeseed extract
2. 31 ug/ml grapeseed extract
3. 10 ug/ml garlic
4. 100 ug/ml garlic
5. 10 ug kava-kava
6. 100 ug kava-kava
7. 10 ug/ml ginseng
8. 100 ug/ml ginseng
9. DMSO

FIG. 29

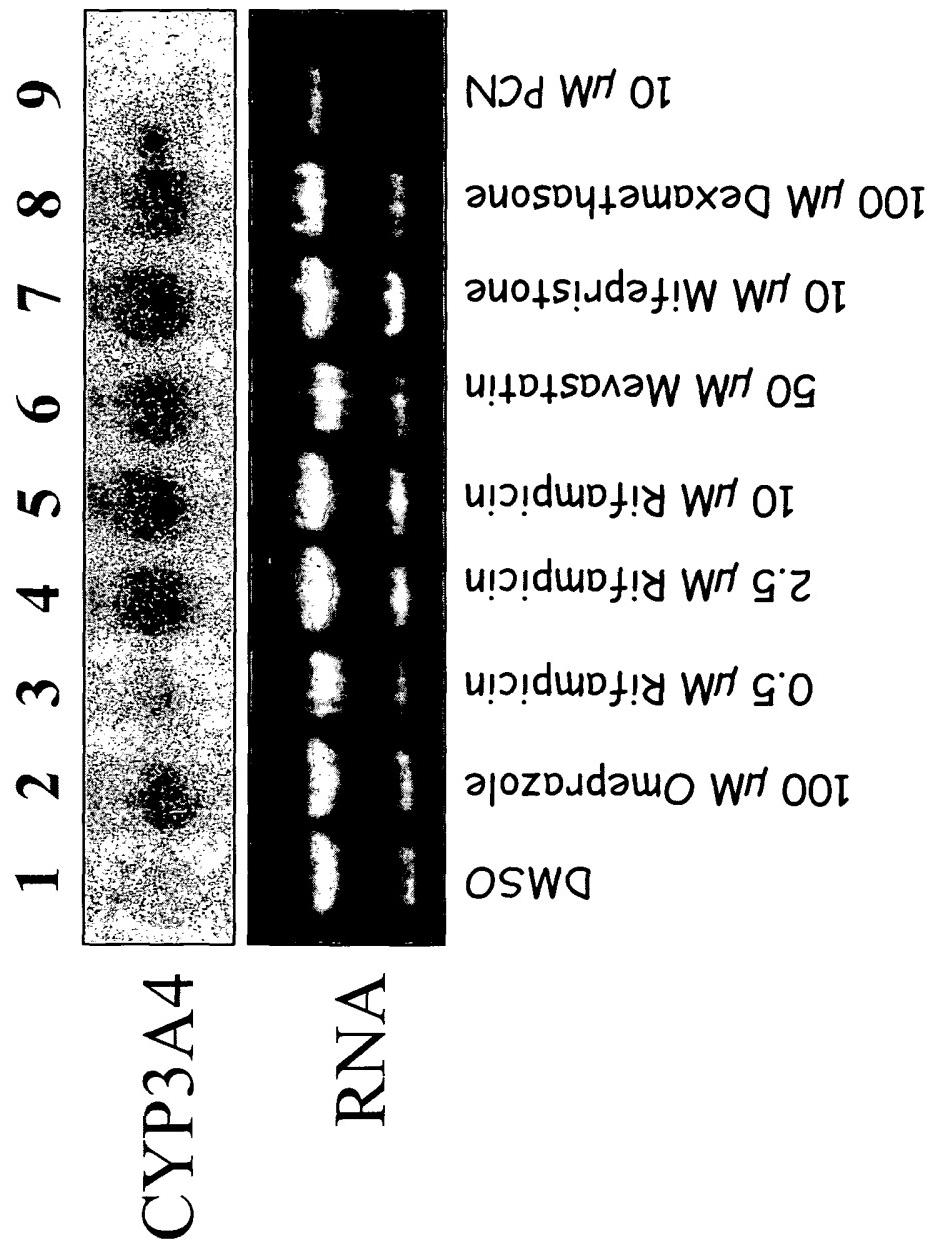
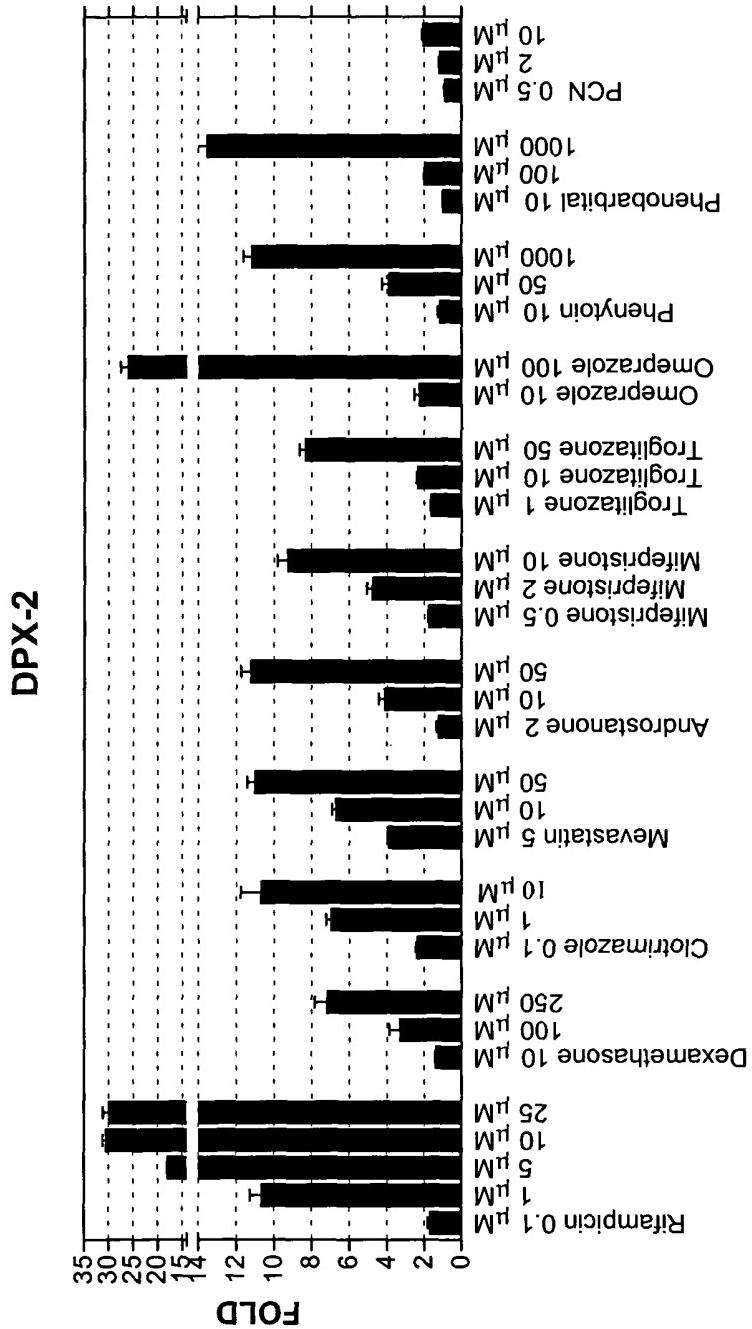
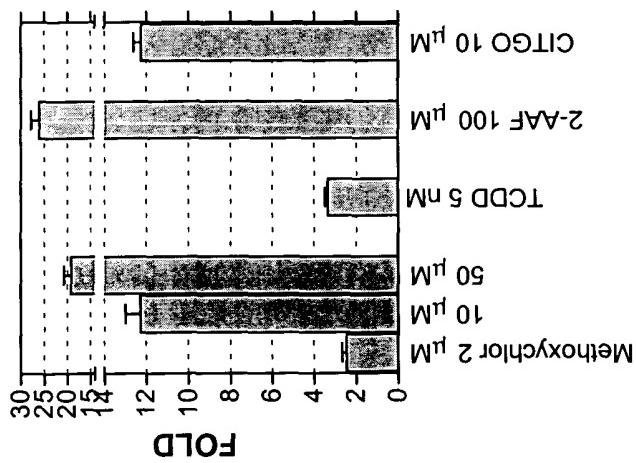
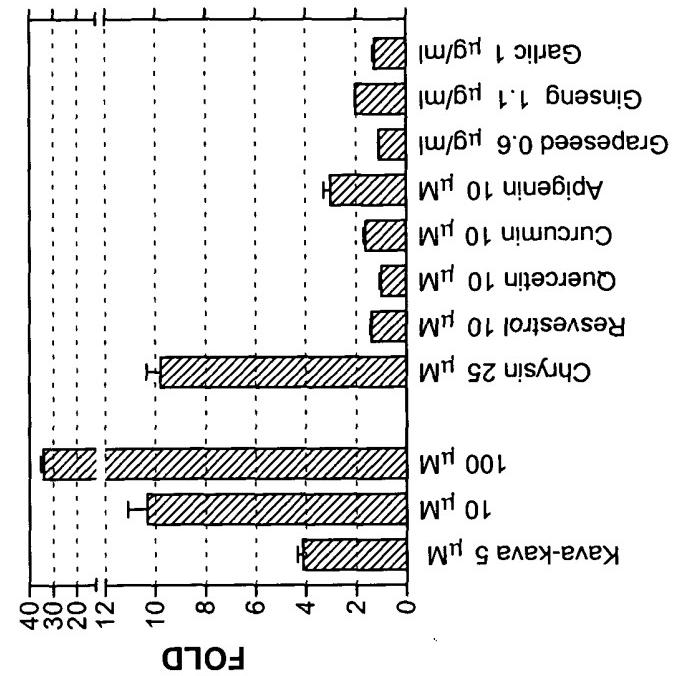
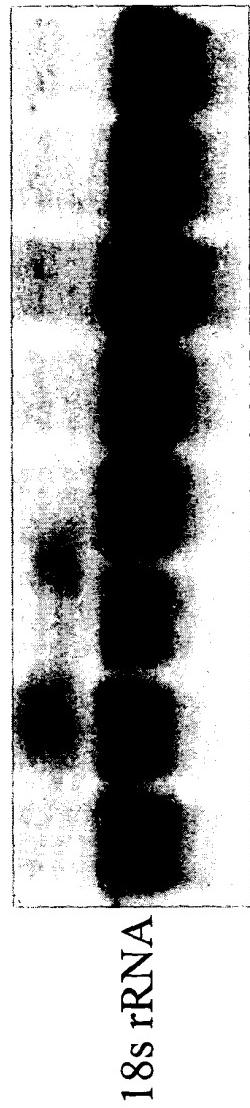
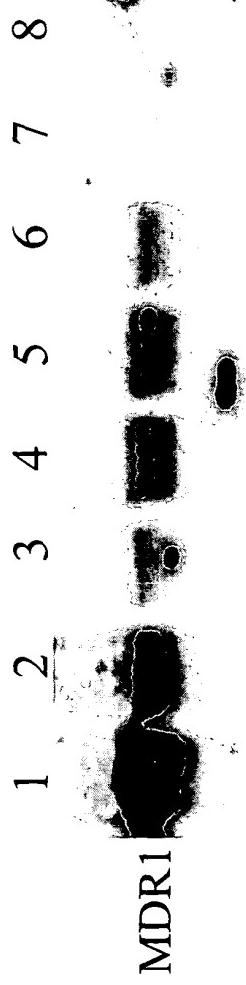


FIG. 30A



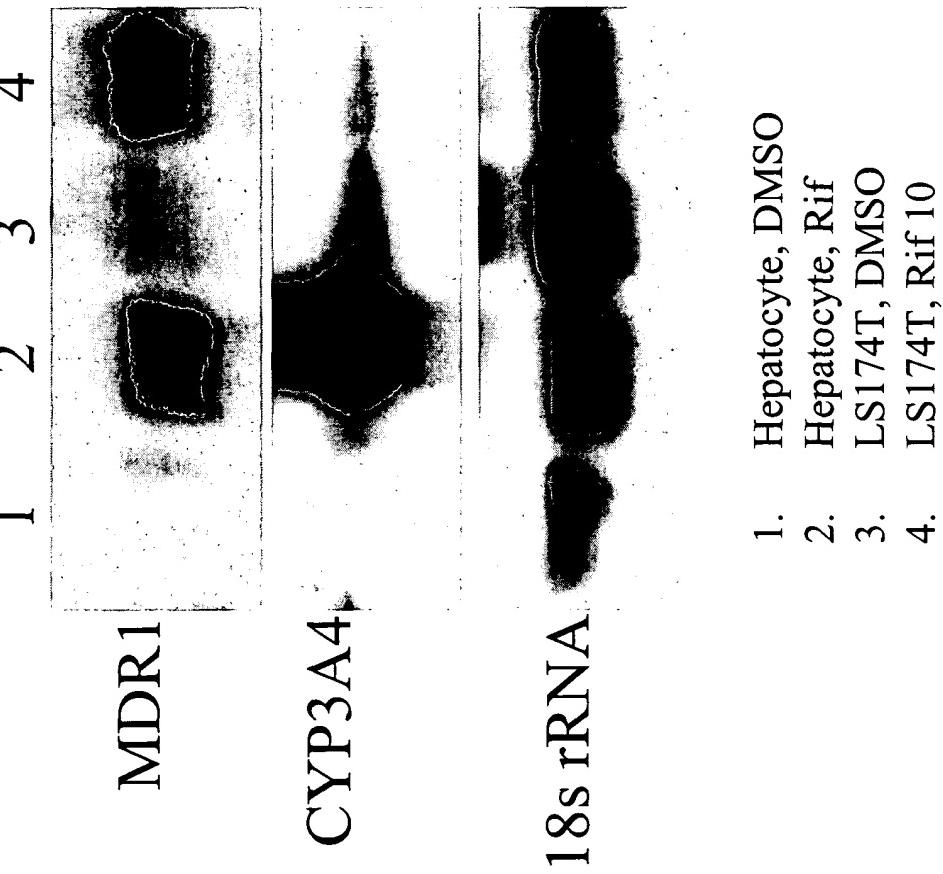
**FIG. 30B****FIG. 30C**

**FIG. 31**



1. LS174T, RIF 10
2. LS174T, RIF 2.5
3. LS174T, RIF 0.5
4. LS174T, omp 100
5. LS174T, Mif 10
6. LS174T, Dex 100
7. LS174T, PCN 10
8. LS174T, DMSO

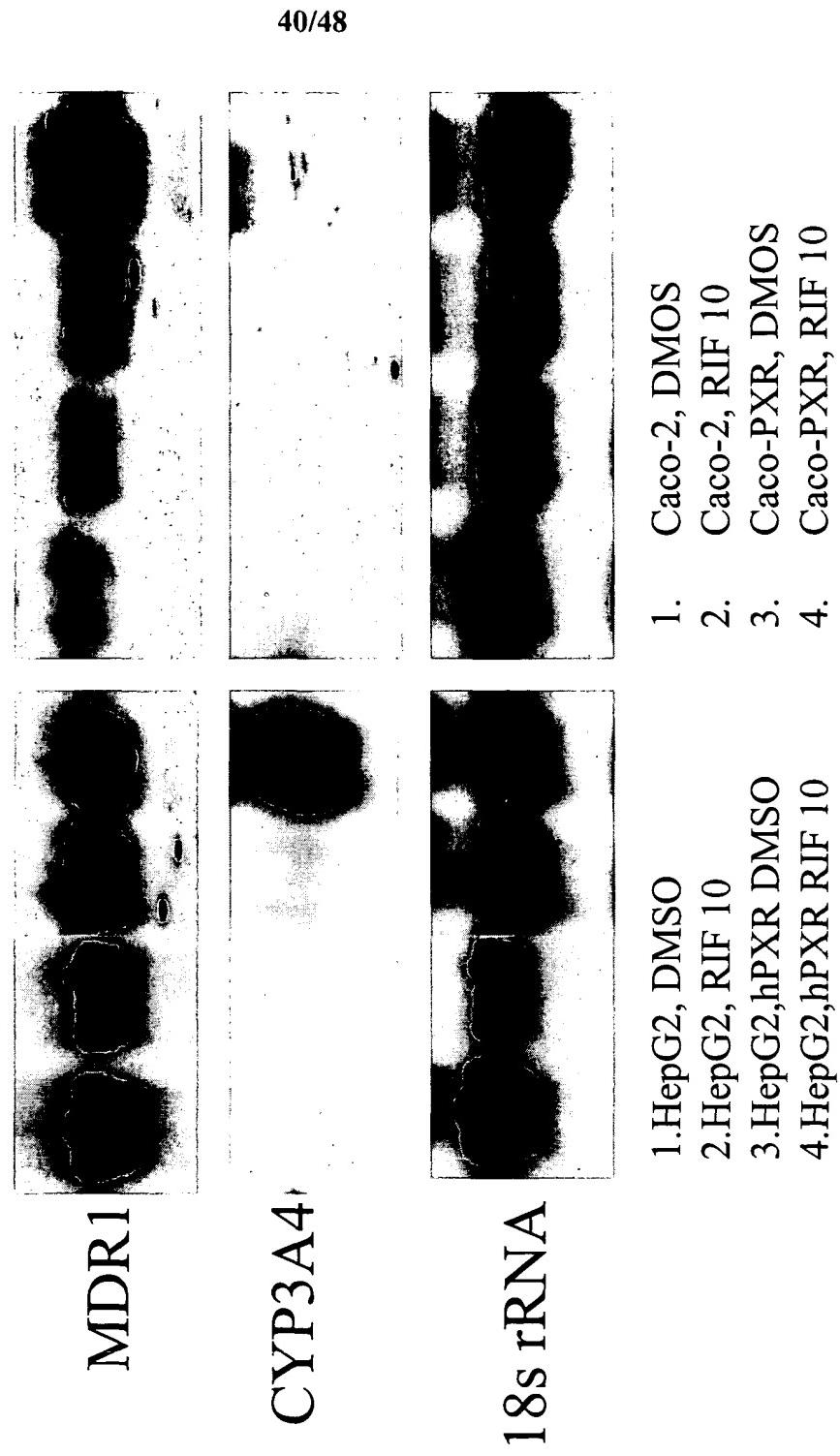
**FIG. 32A**



**FIG. 32B**

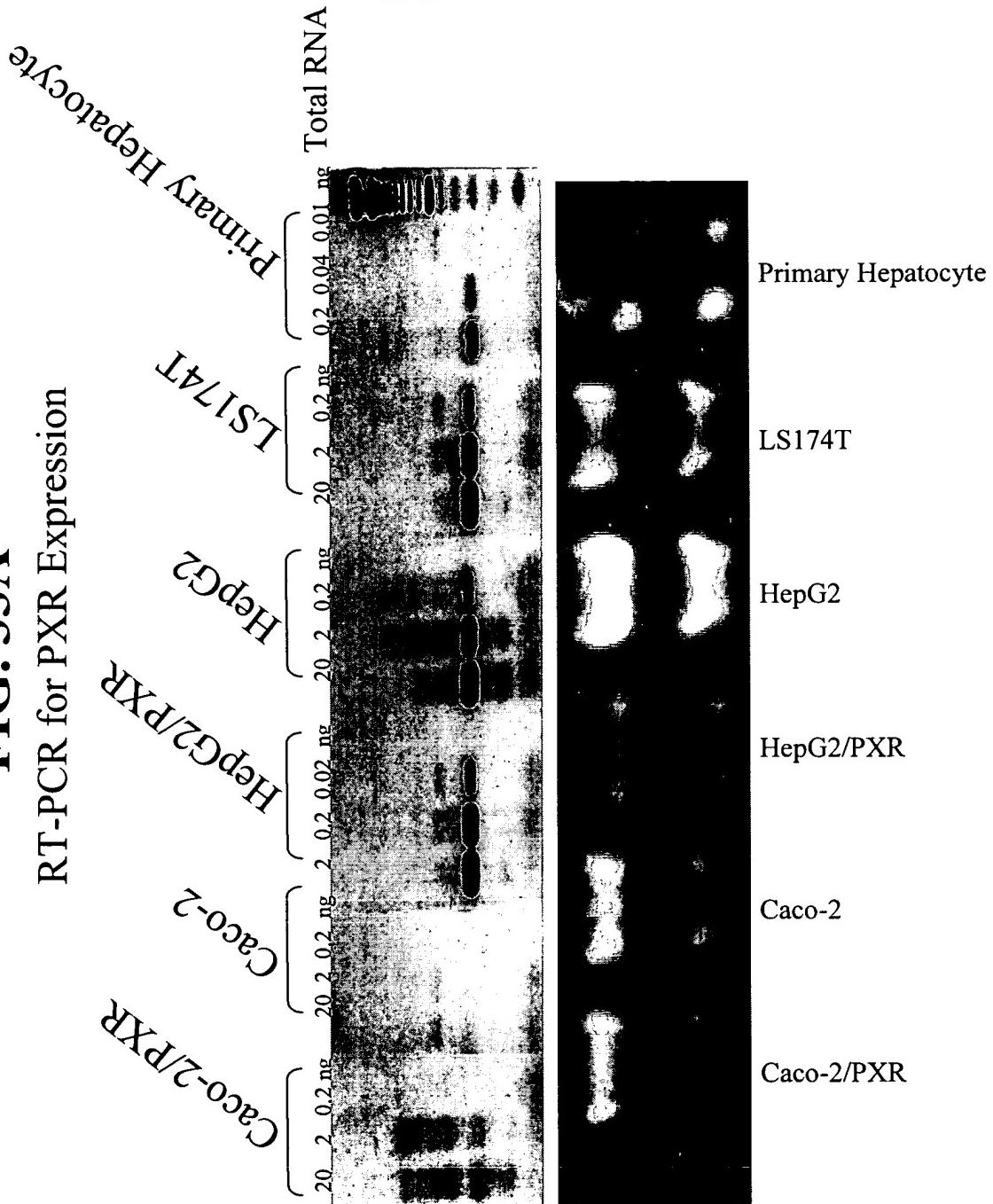


**FIG. 32C**

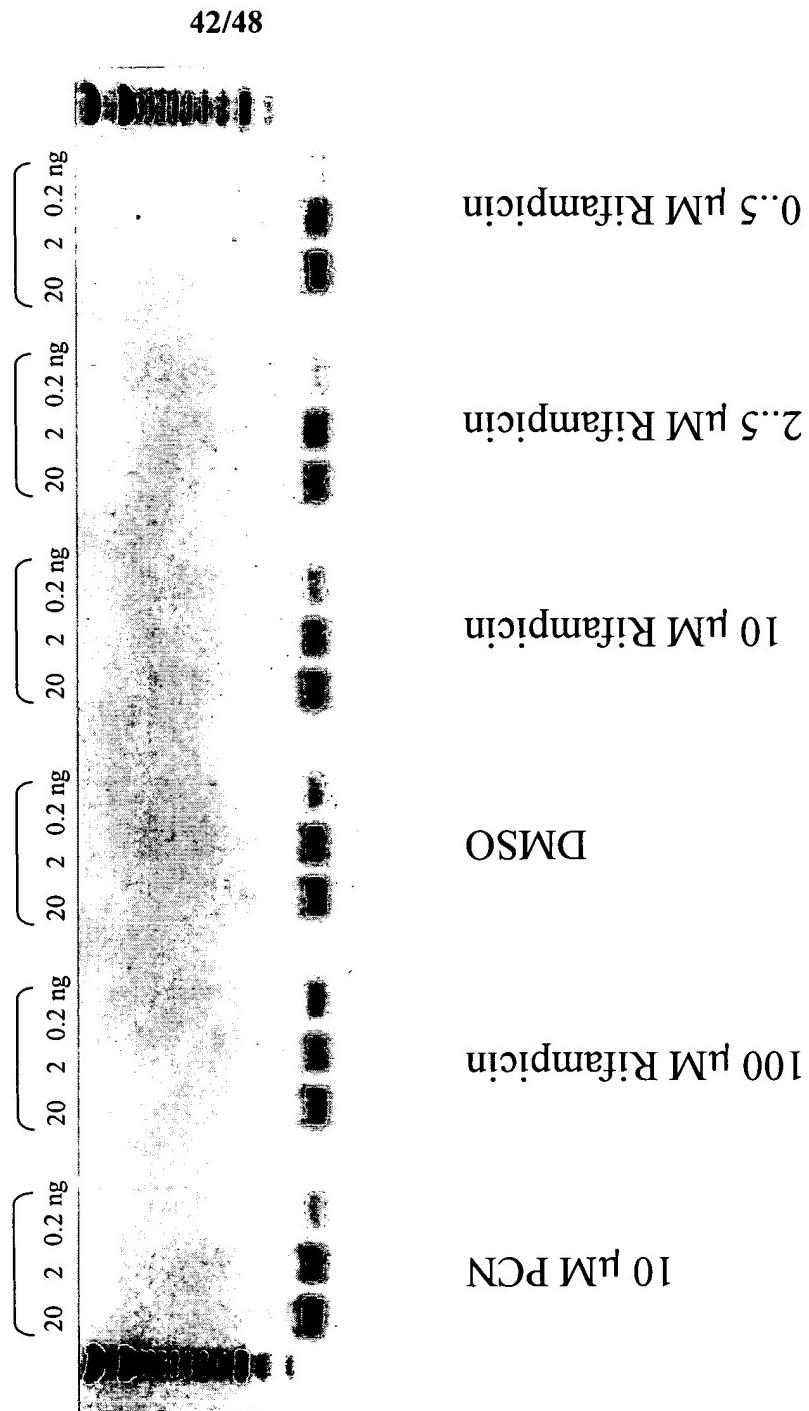


**FIG. 33A**  
RT-PCR for PXR Expression

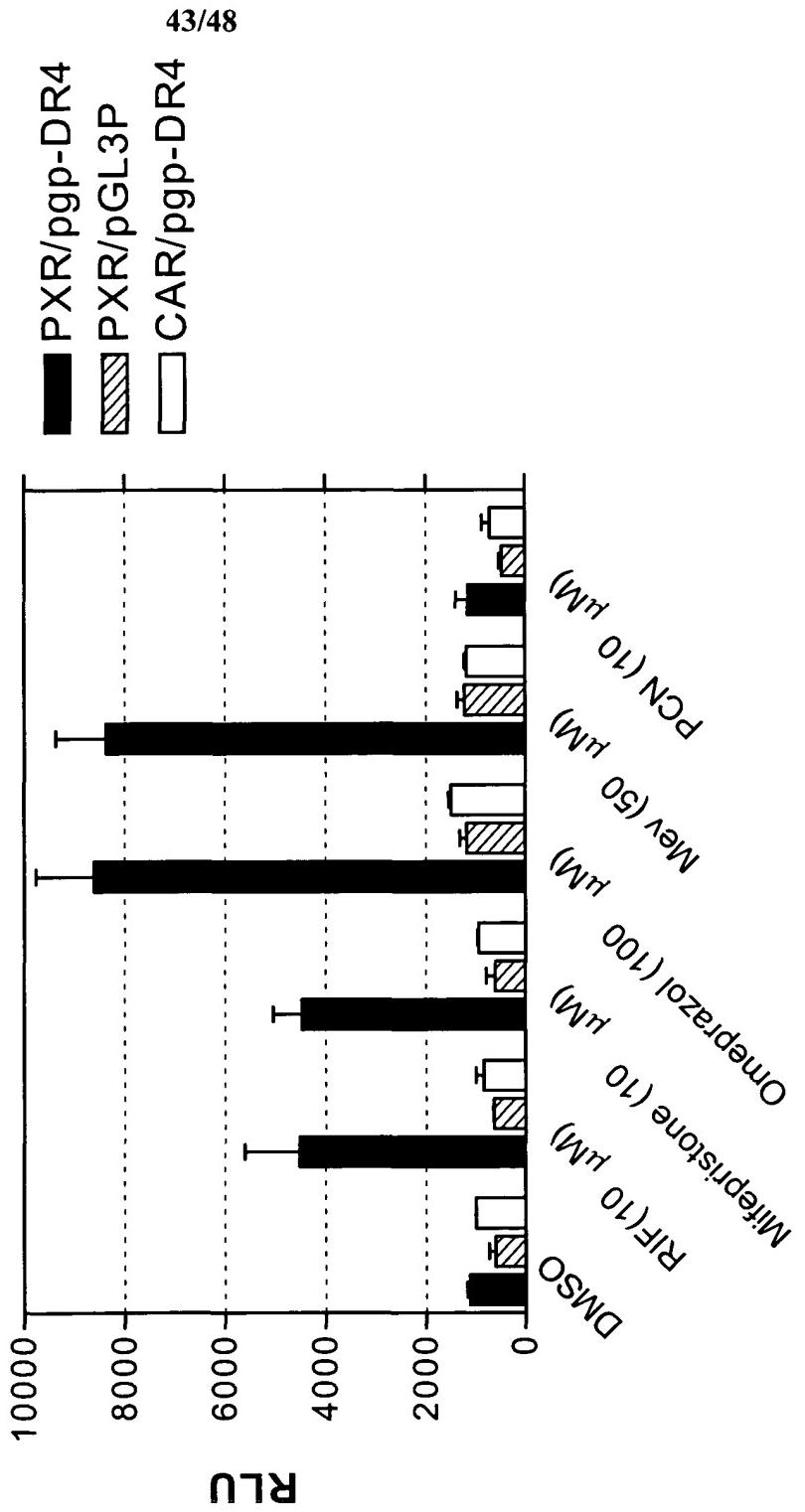
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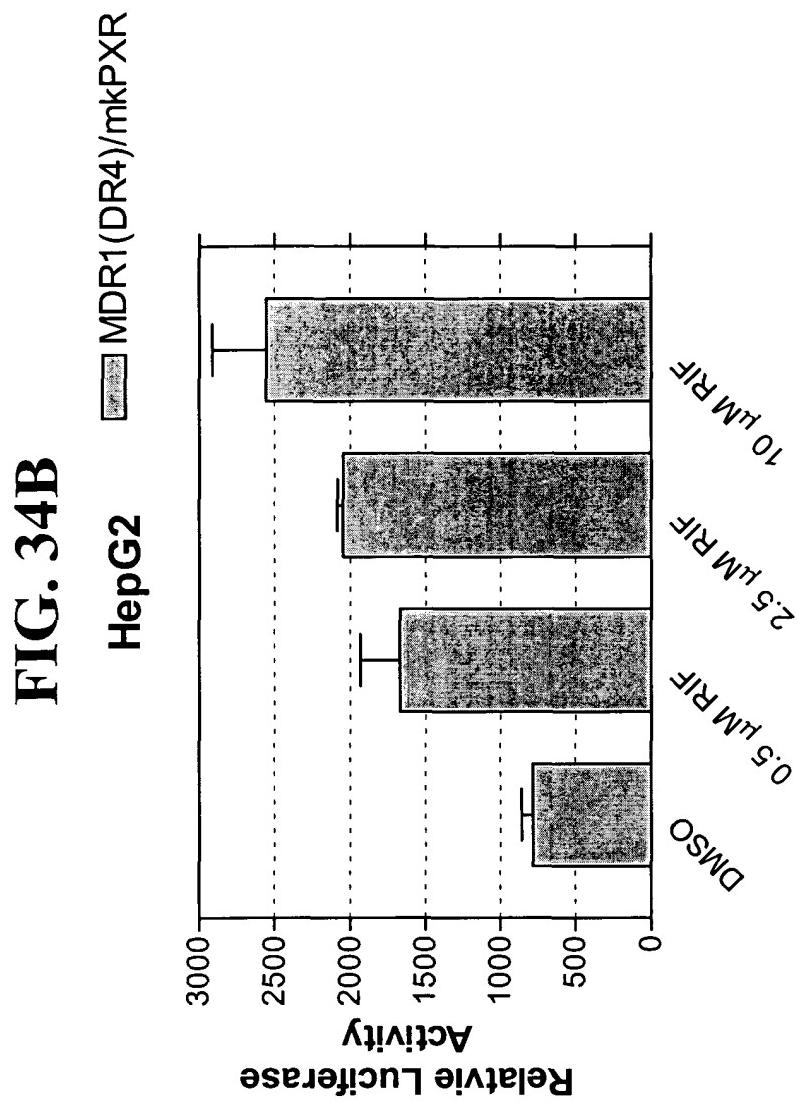


**FIG. 33B**



**FIG. 34A**  
**Caco-2**





**FIG. 35A**  
**Hep-PXR/Pgp-Luc**

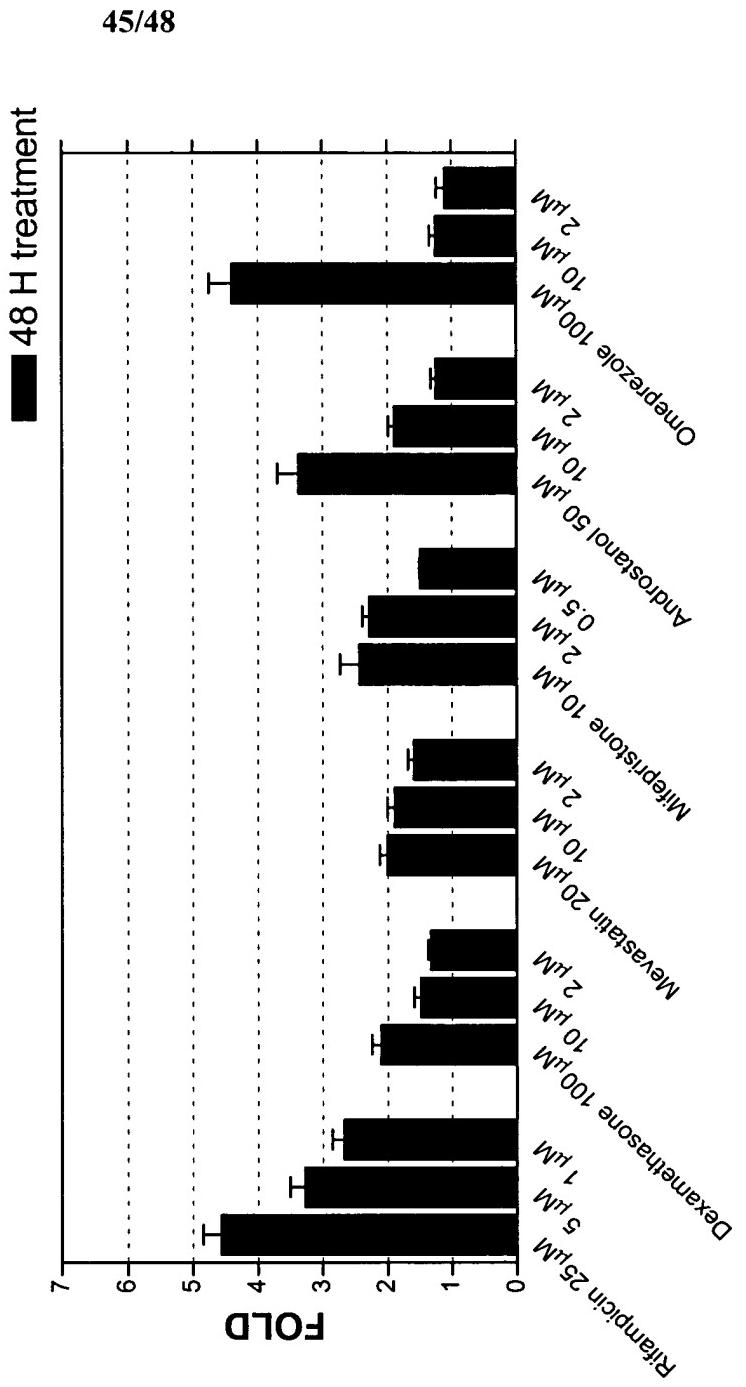
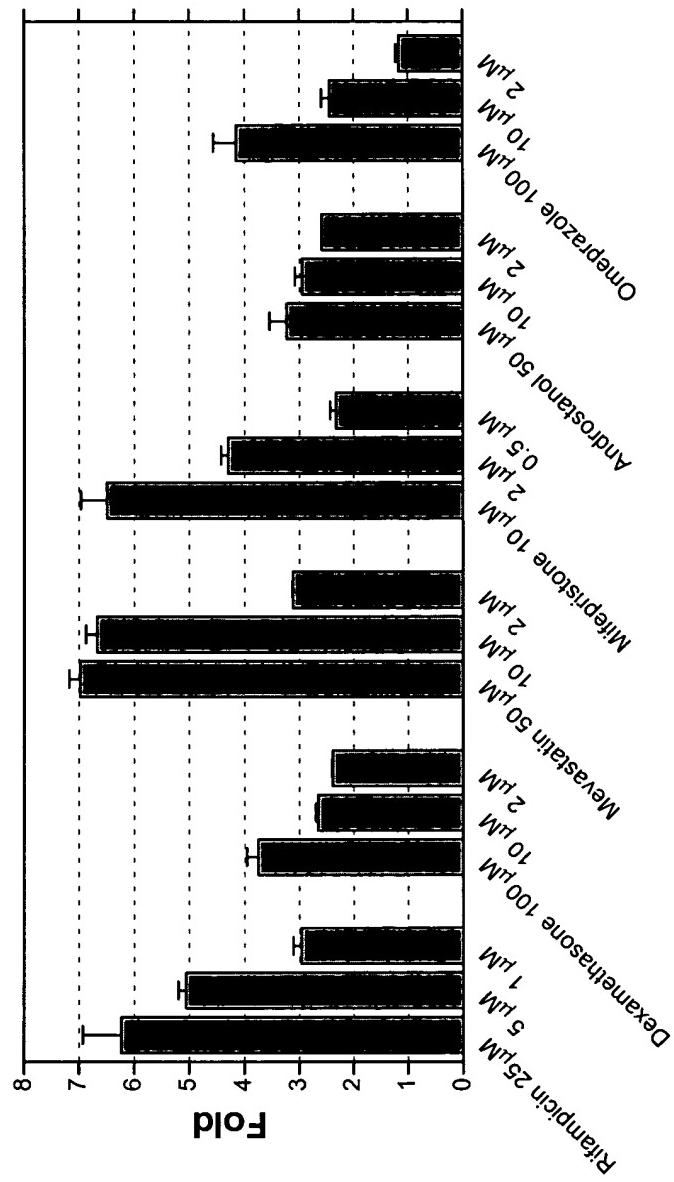


FIG. 35B  
CaCO-PXR/PgPLuc ■ 48 H treatment



**FIG. 36**

■ Environmenta & Phytochemicals

